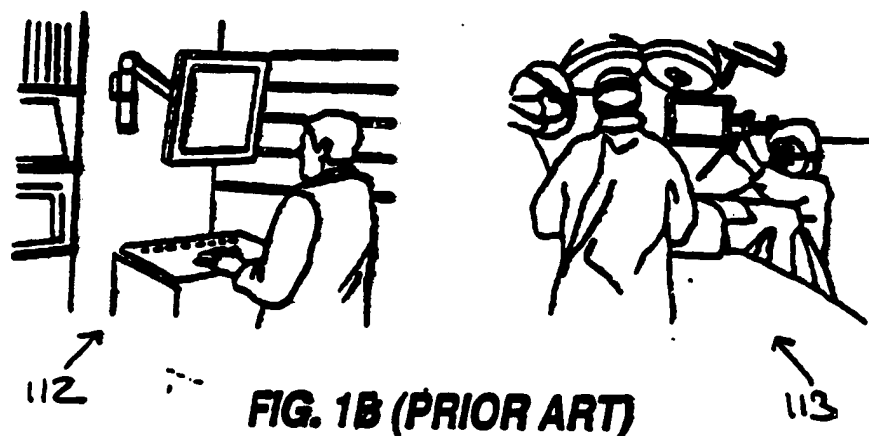
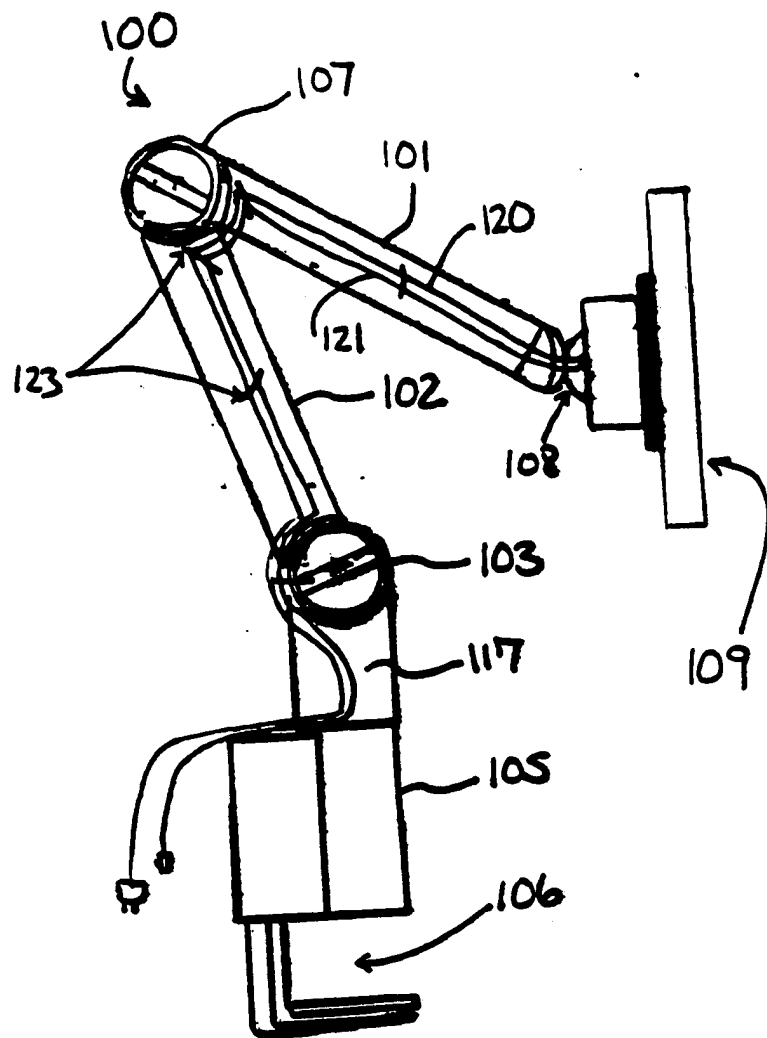


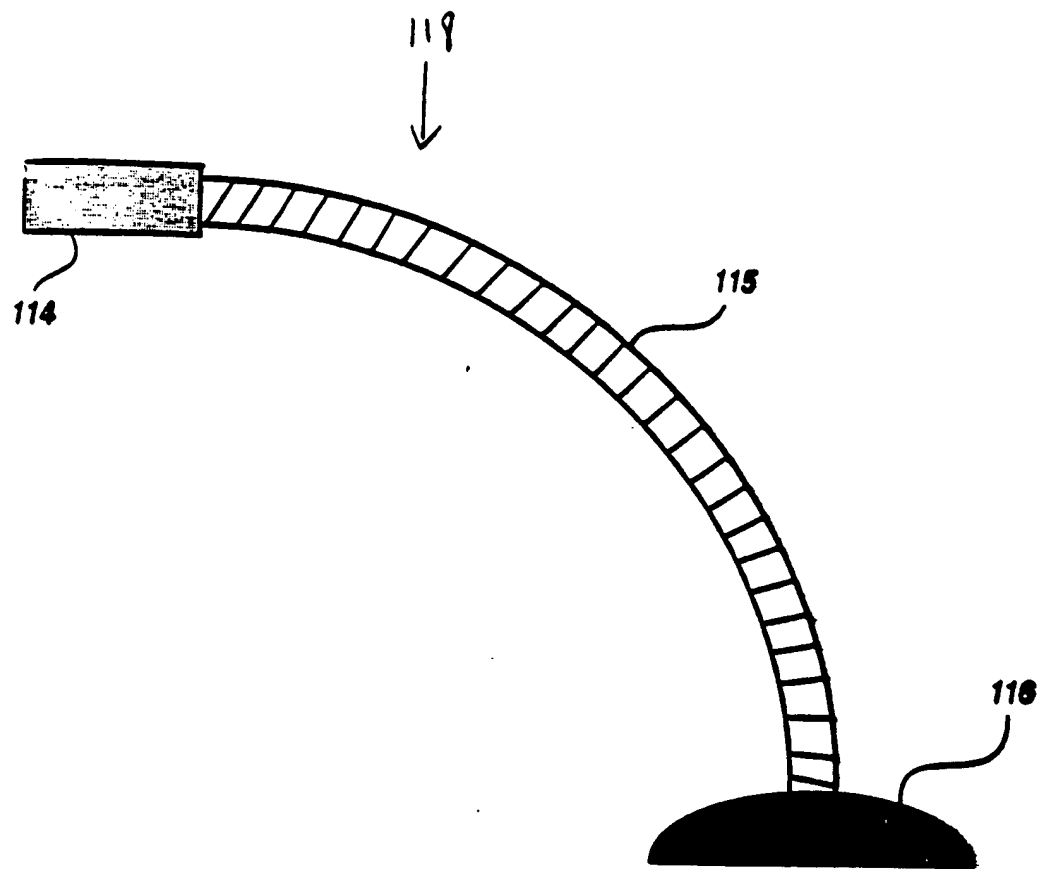
**FIG. 1A (PRIOR ART)**



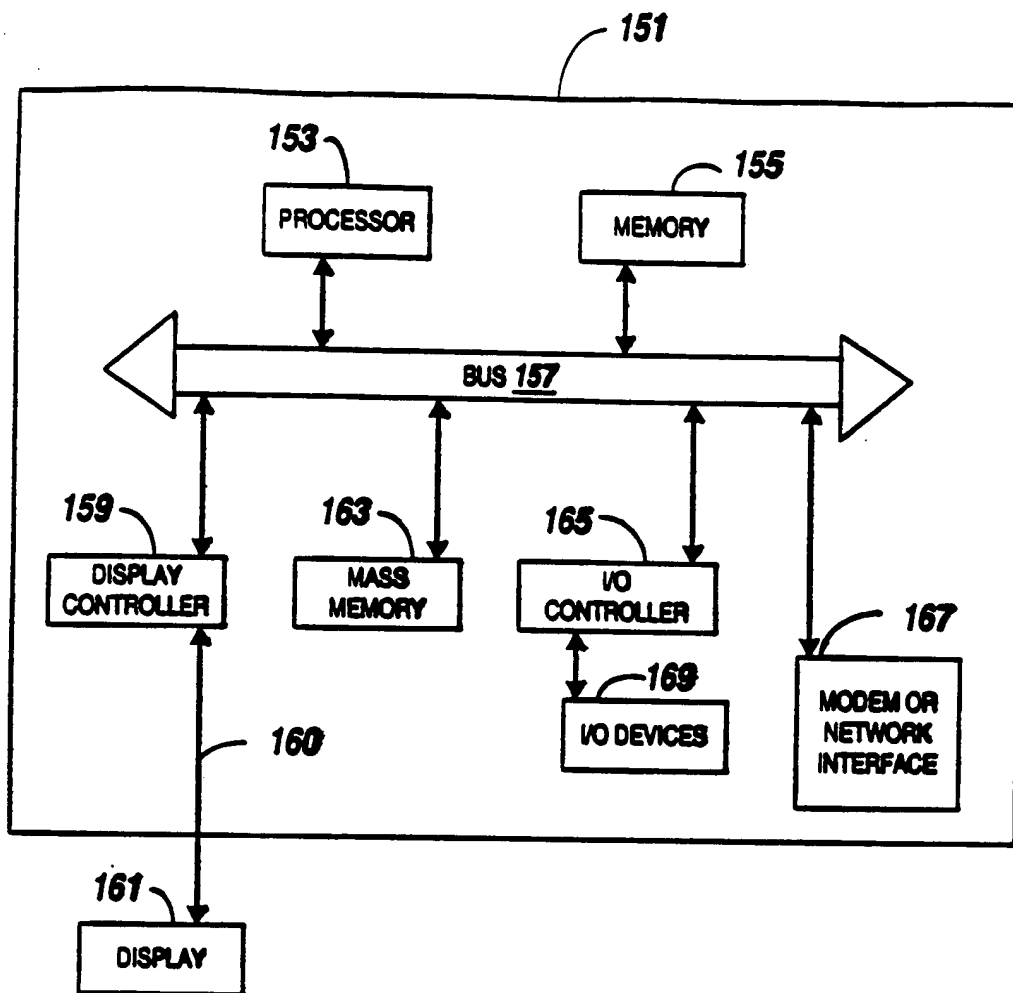
**FIG. 1B (PRIOR ART)**



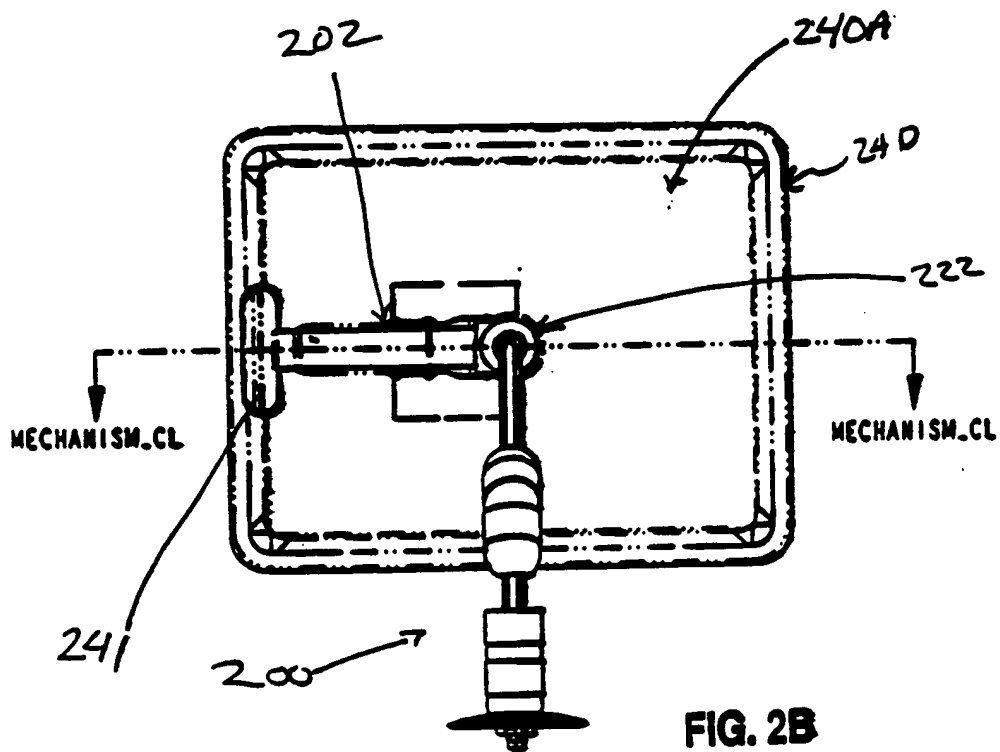
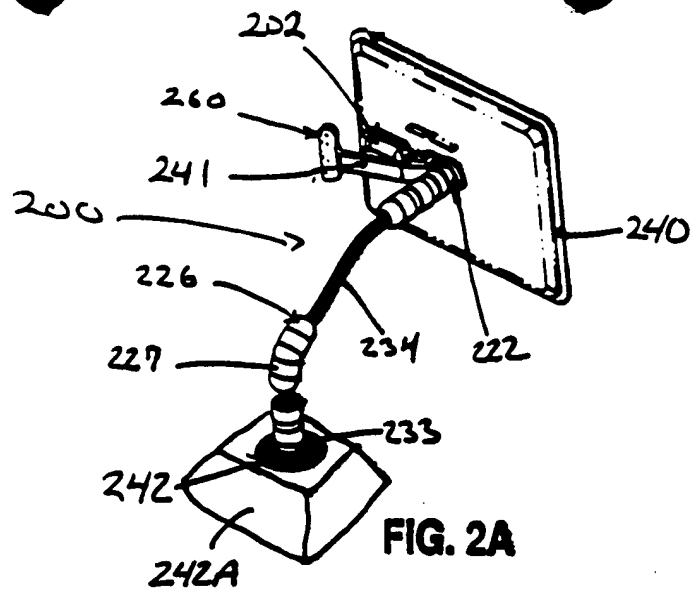
**FIG. 1A (PRIOR ART)**

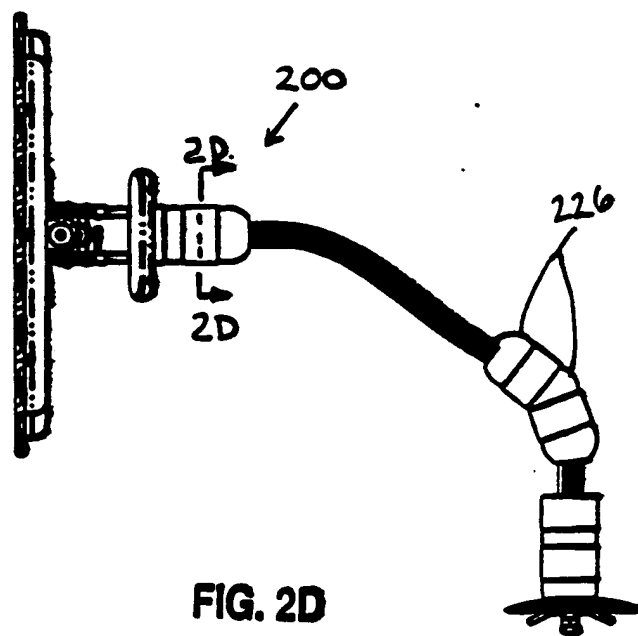
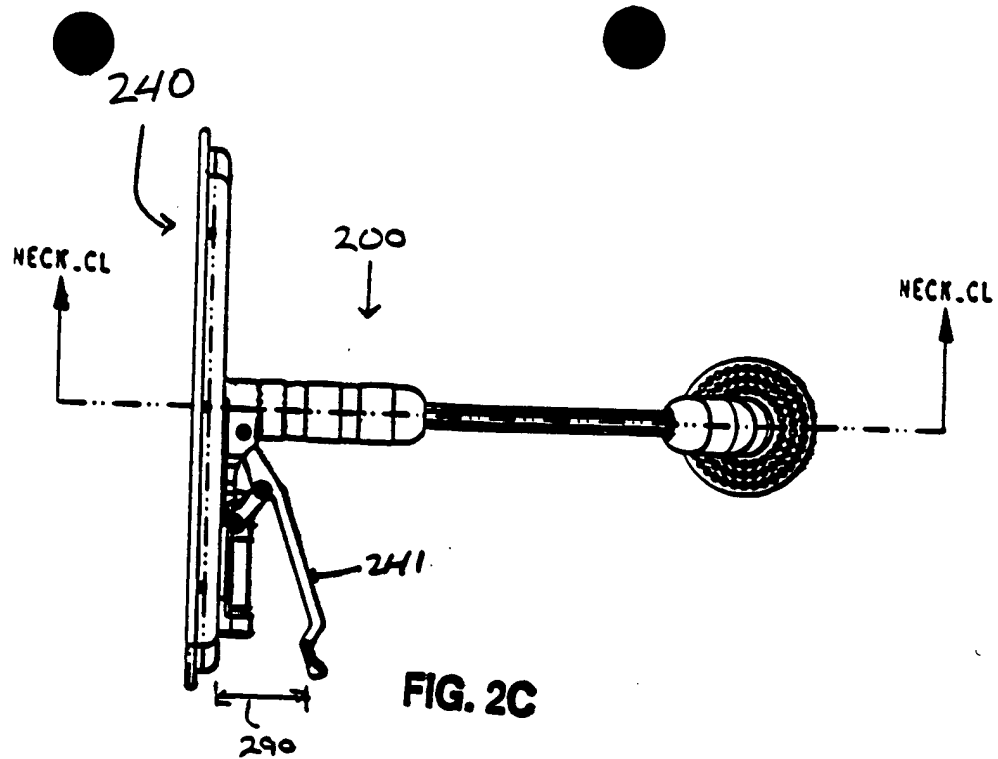


**FIG. 1D (PRIOR ART)**



**FIG. 1E**





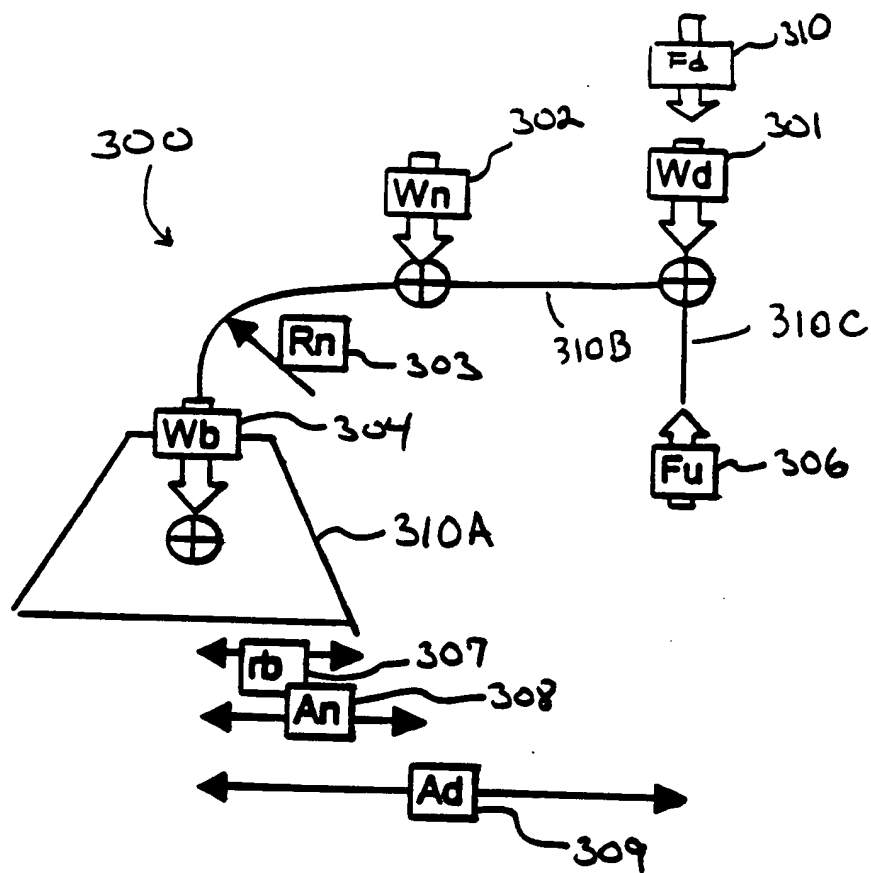
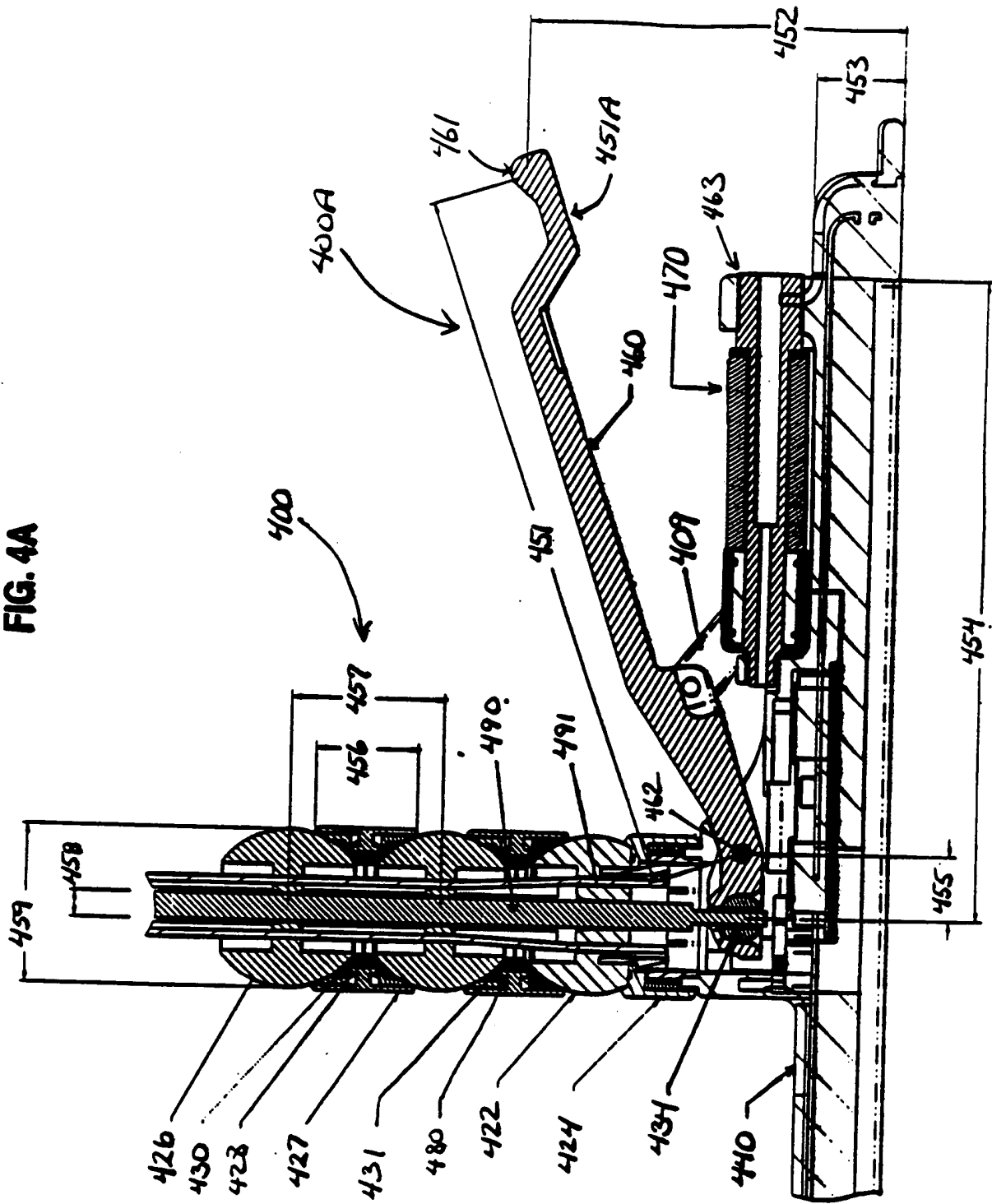
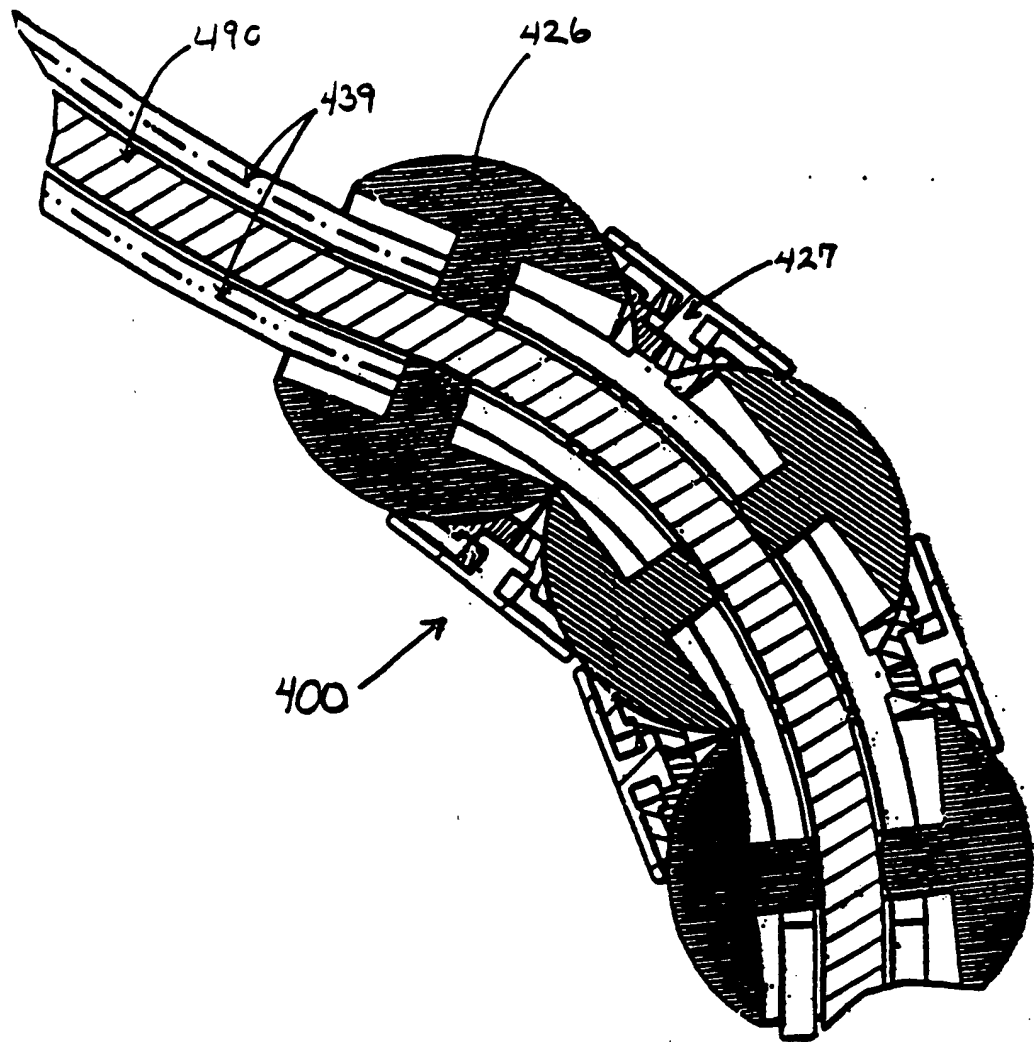


FIG. 3

FIG. 4A







**FIG. 4B**

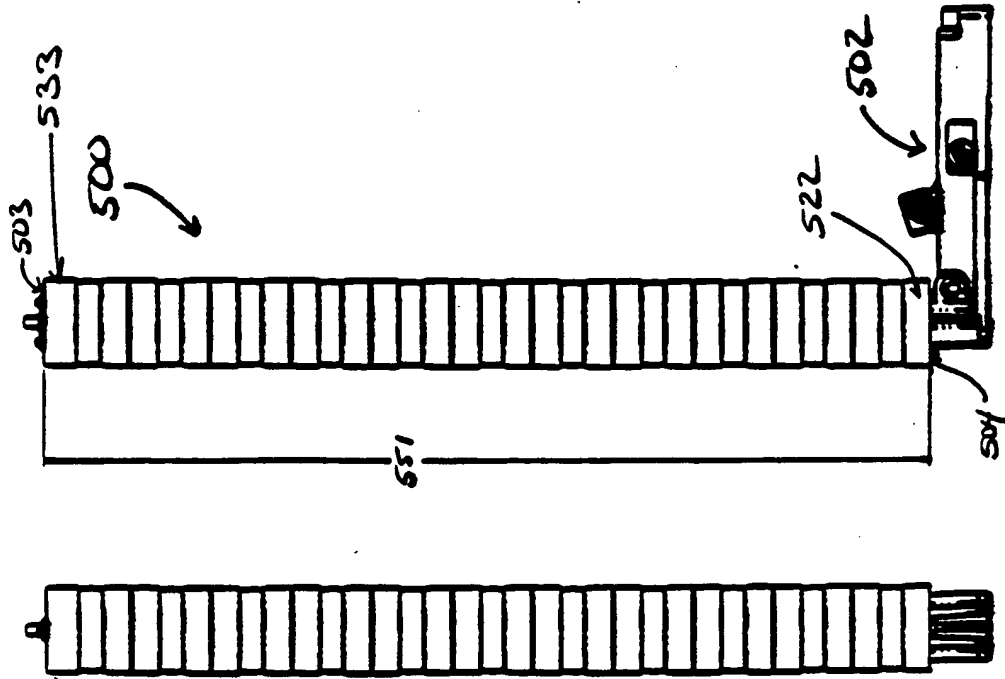


FIG. 5A

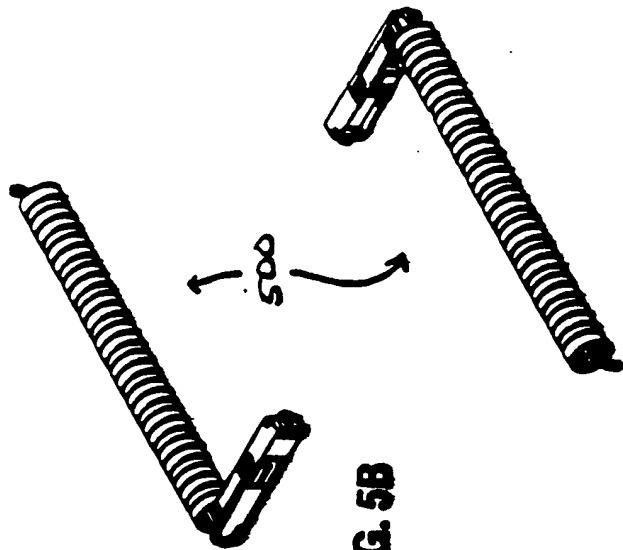
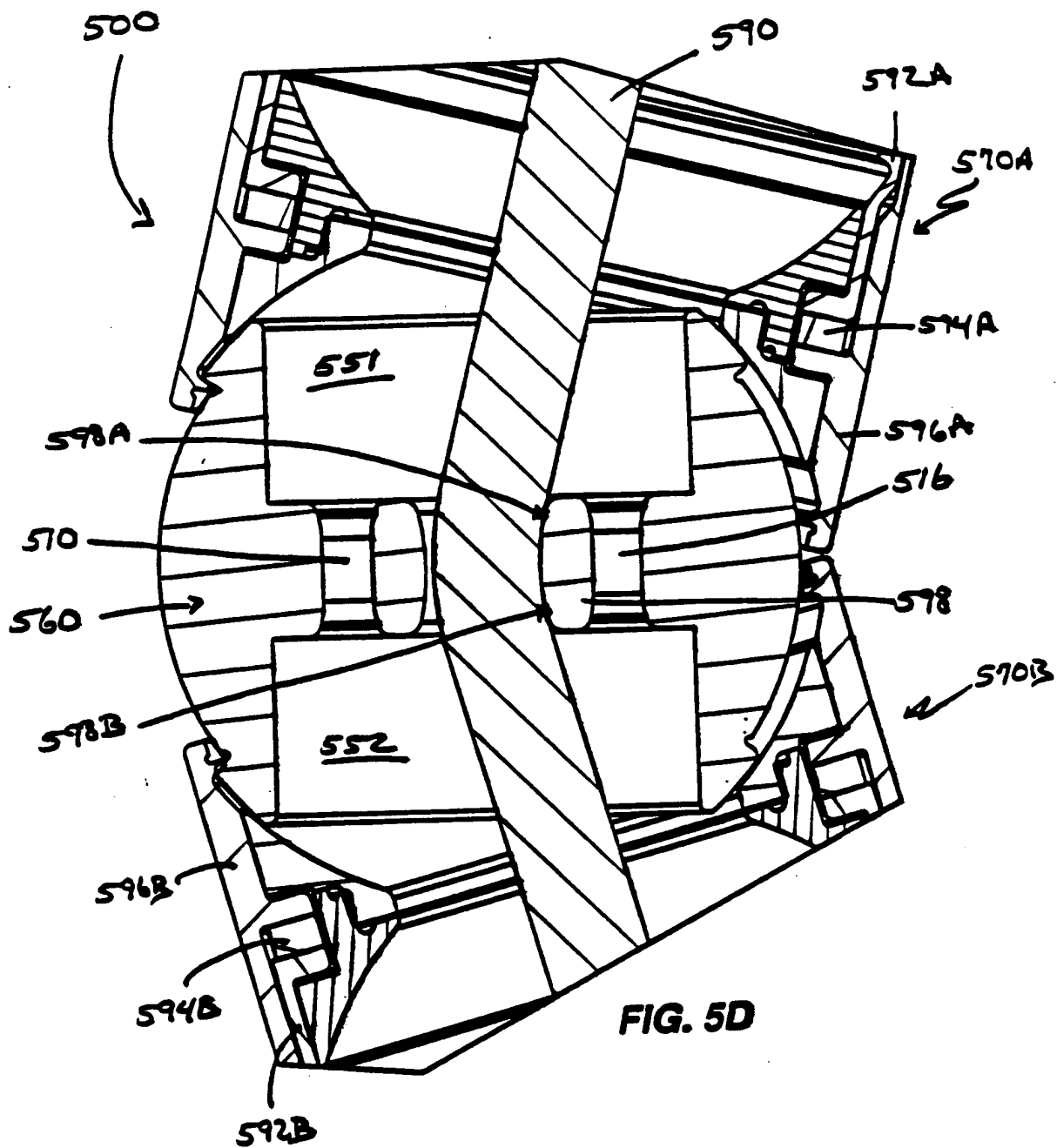


FIG. 5B

FIG. 5C



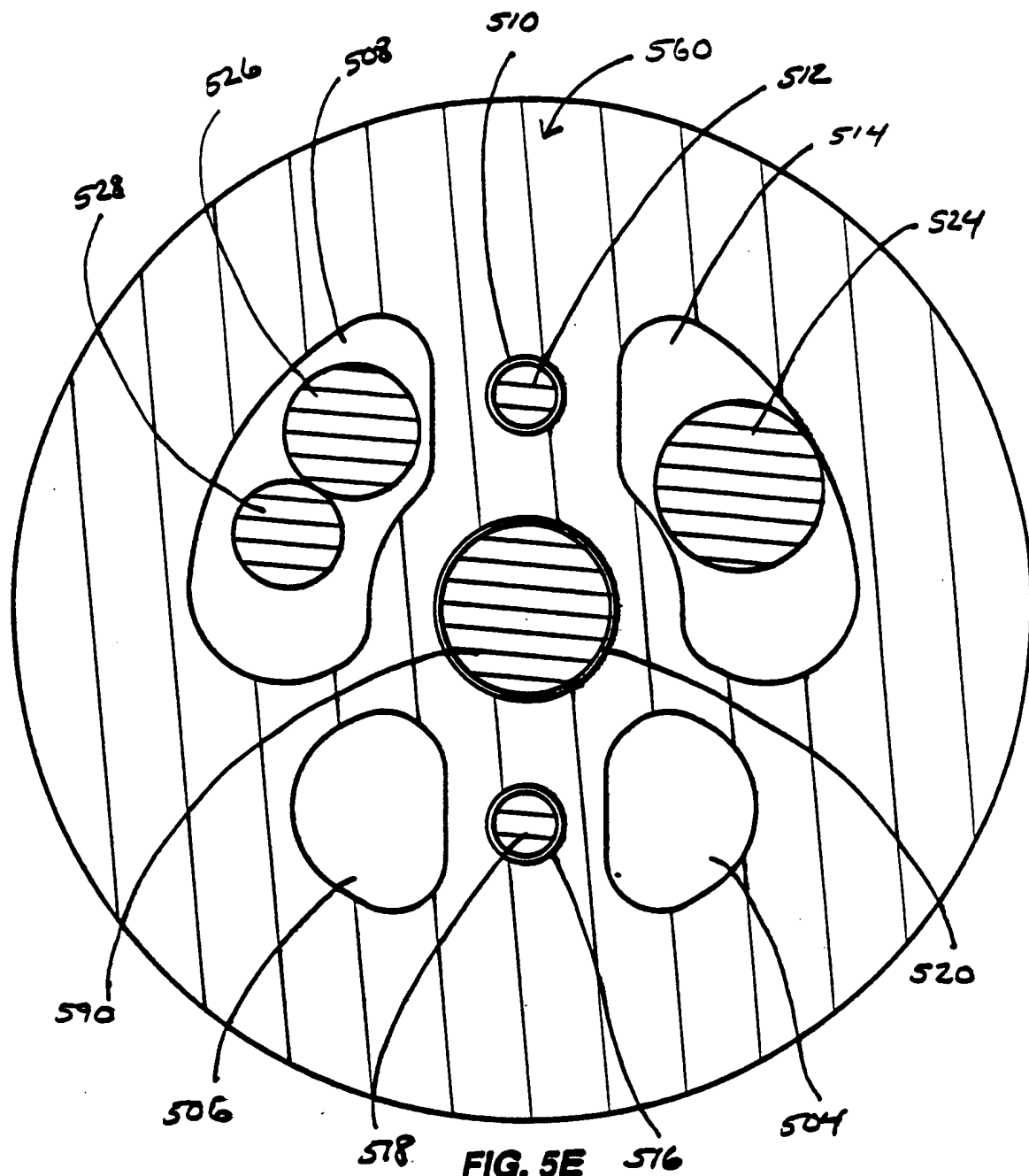
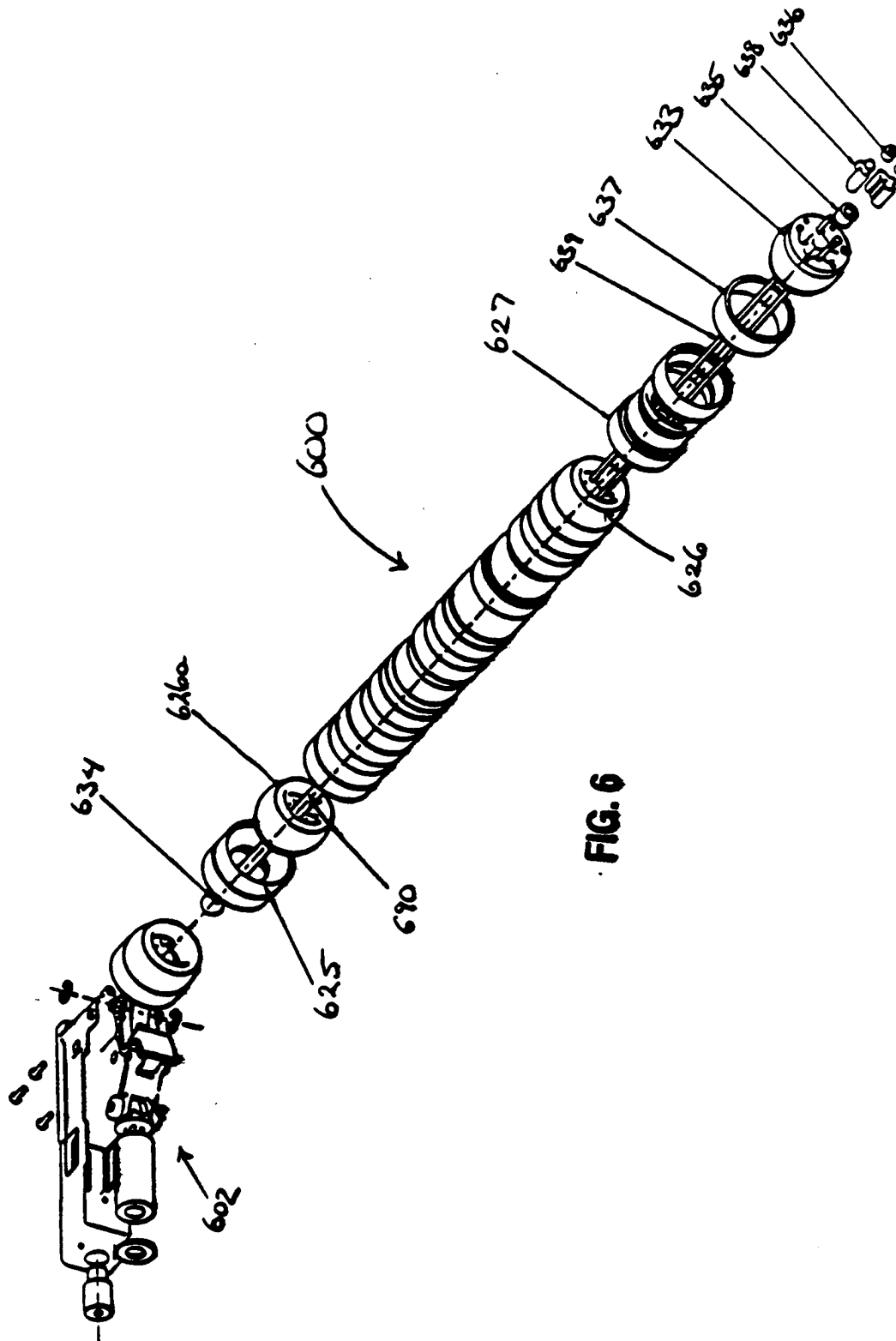


FIG. 5E



**FIG. 6**

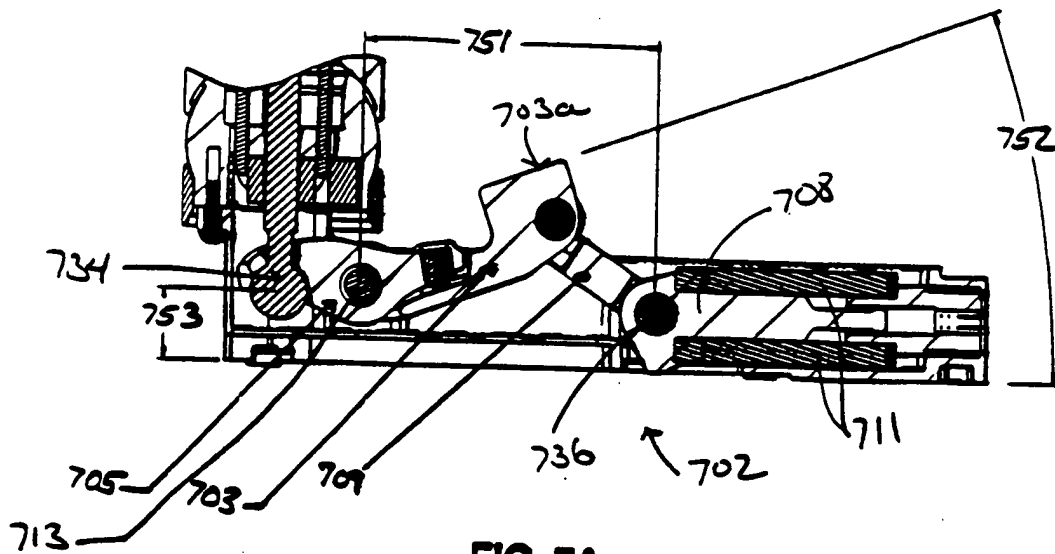


FIG. 7A

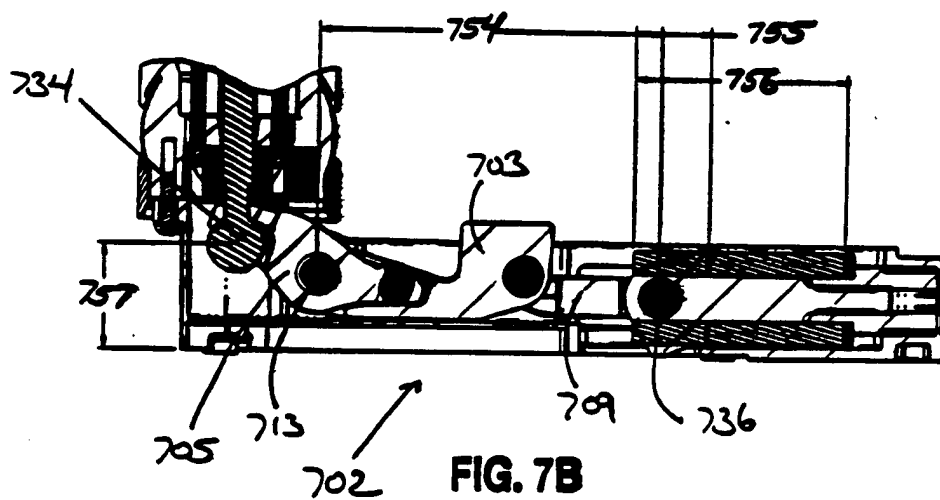


FIG. 7B

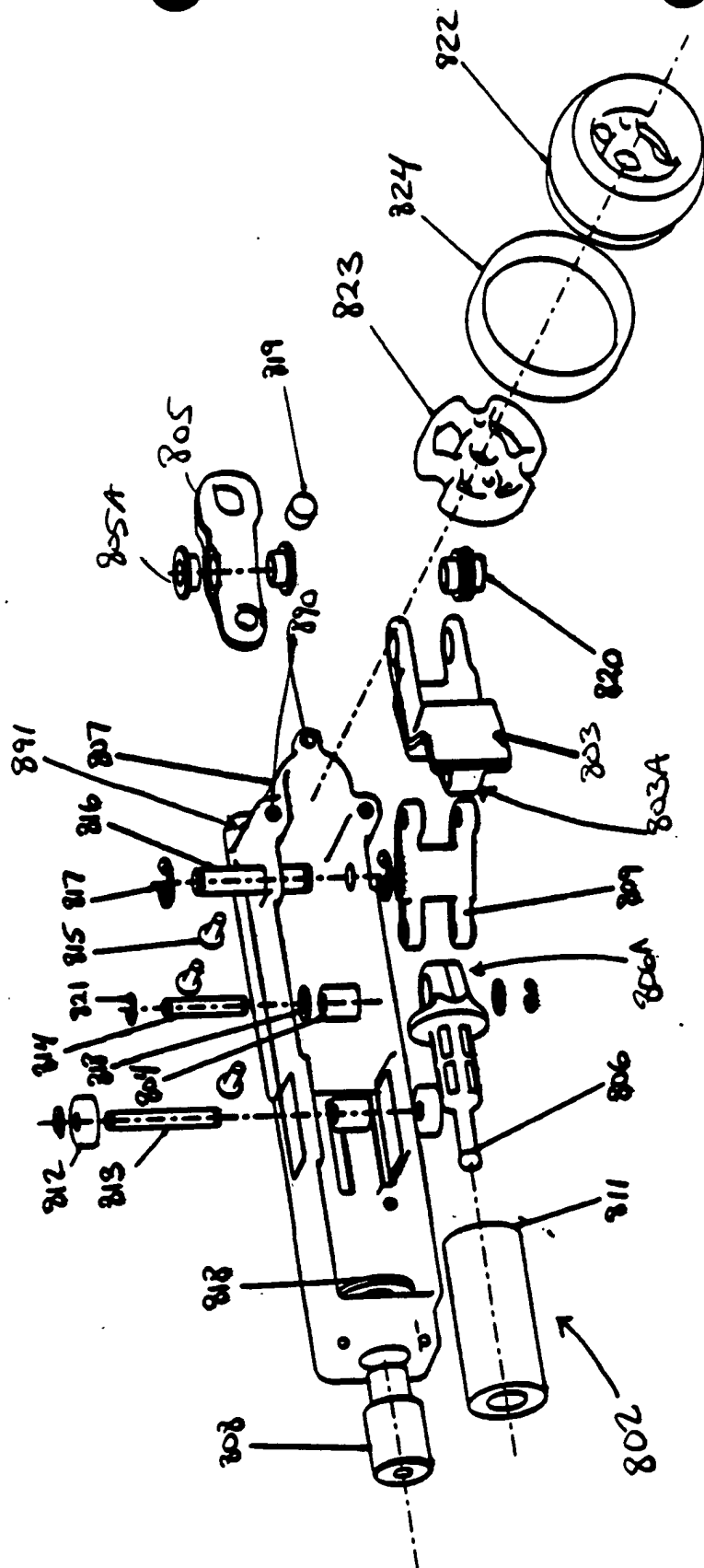


FIG. 8

FIG. 9A

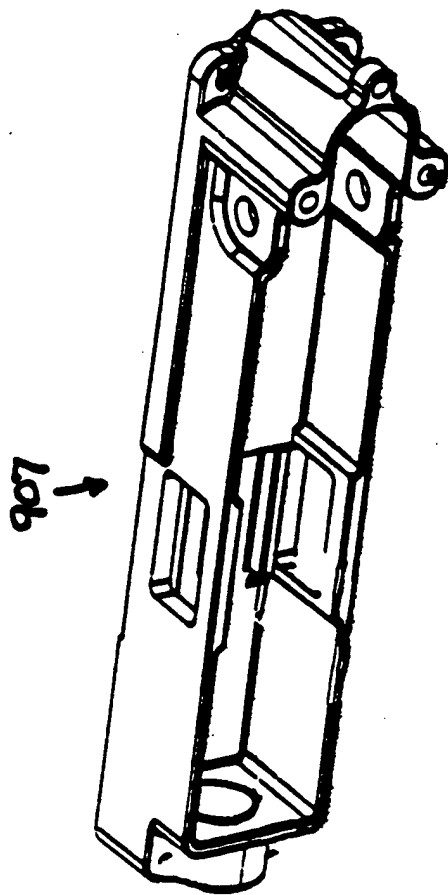


FIG. 9A



FIG. 9B is a cross-sectional view of the device taken along line 9-9 of FIG. 9A, showing the internal structure of the device, including the housing 907, the internal components 951, 952, 953, 954, and 955, and the internal cavity 990. The device is shown in a cross-sectional view, revealing the internal components and the internal cavity 990. The housing 907 is shown as a rectangular structure with a central opening. The internal components 951, 952, 953, 954, and 955 are shown as various mechanical parts within the housing. The internal cavity 990 is the space within the housing that contains the internal components.

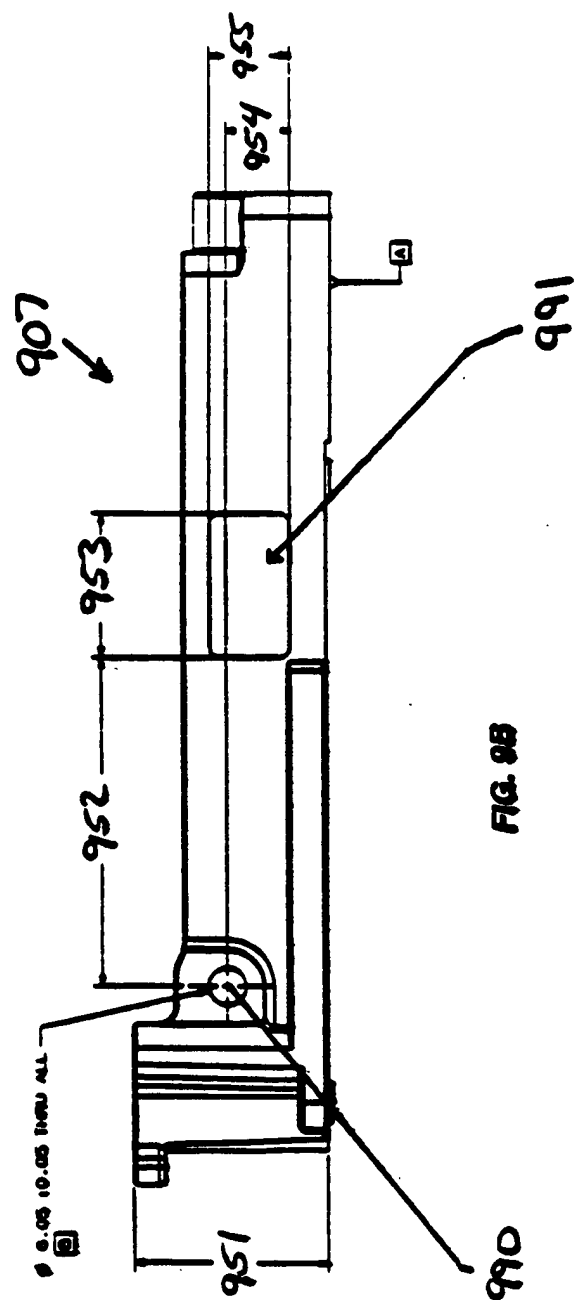


FIG. 9B

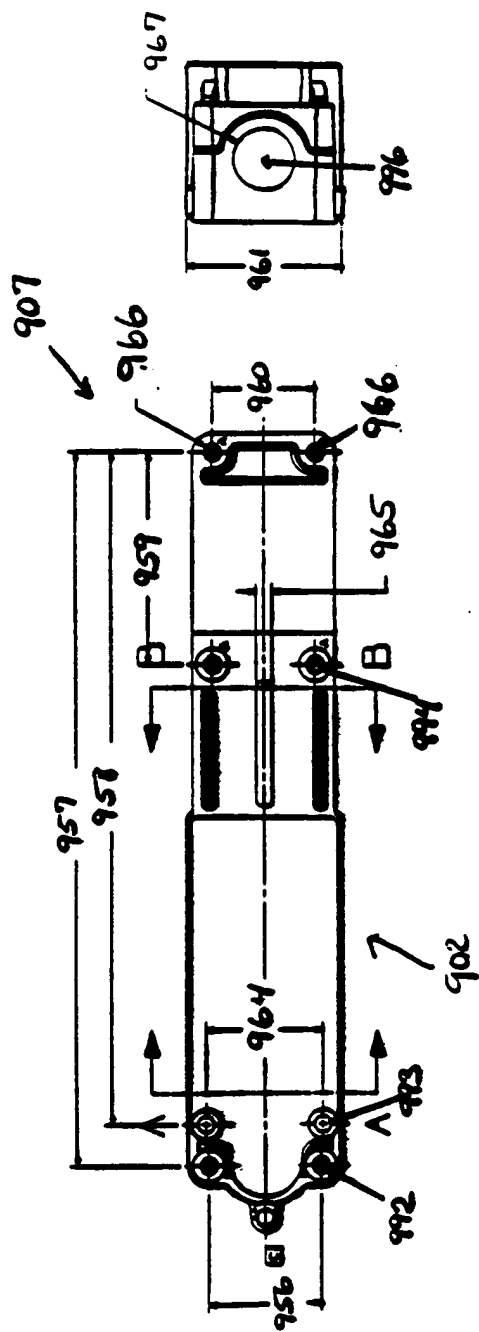


FIG. 9C

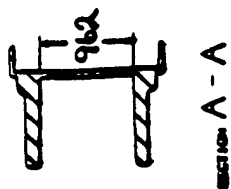


FIG. 9D

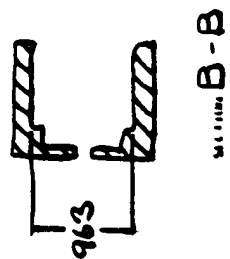


FIG. 9E

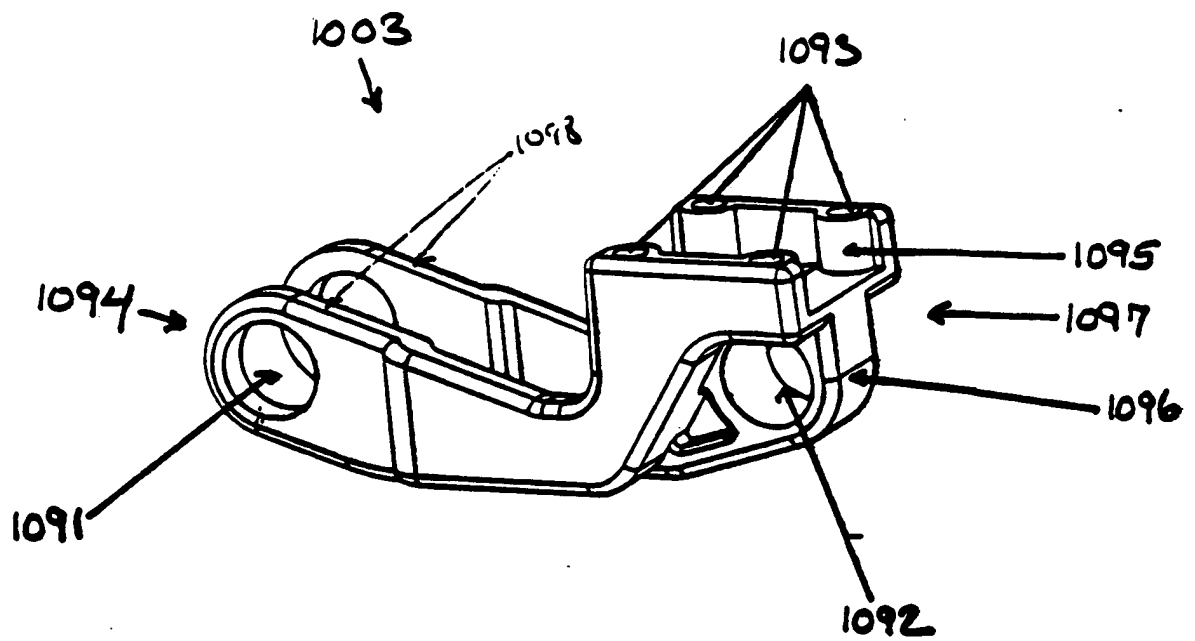


FIG. 10A

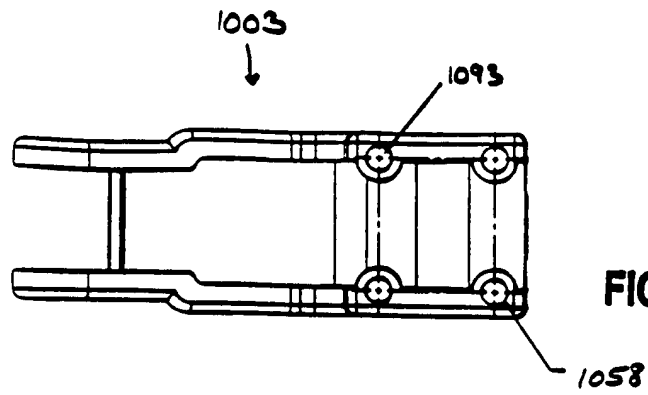


FIG. 10B

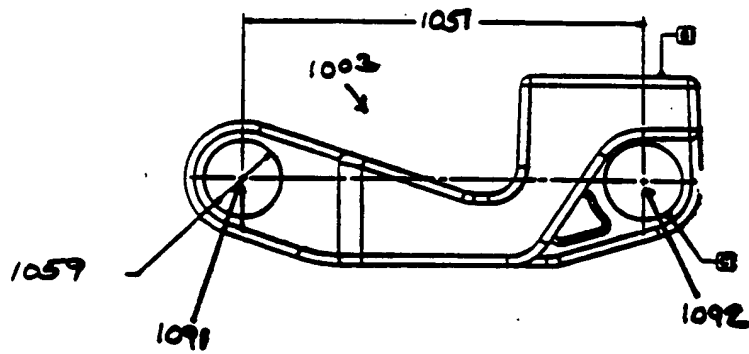


FIG. 10C

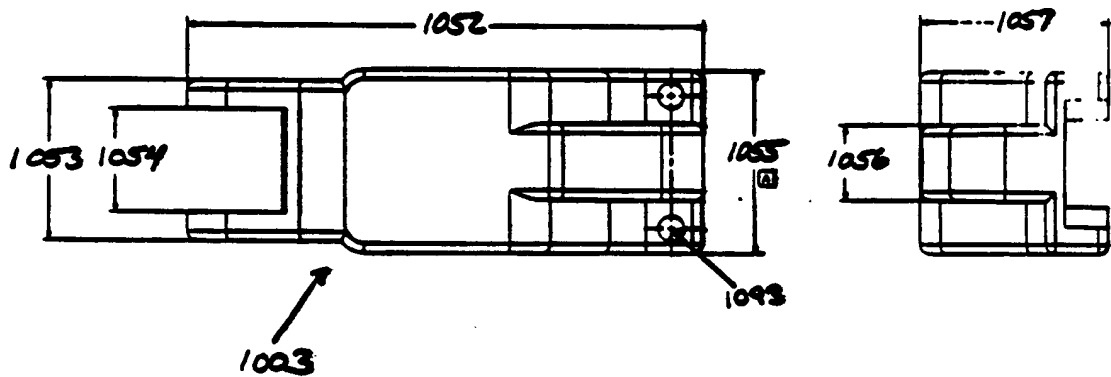


FIG. 10D

FIG. 10A

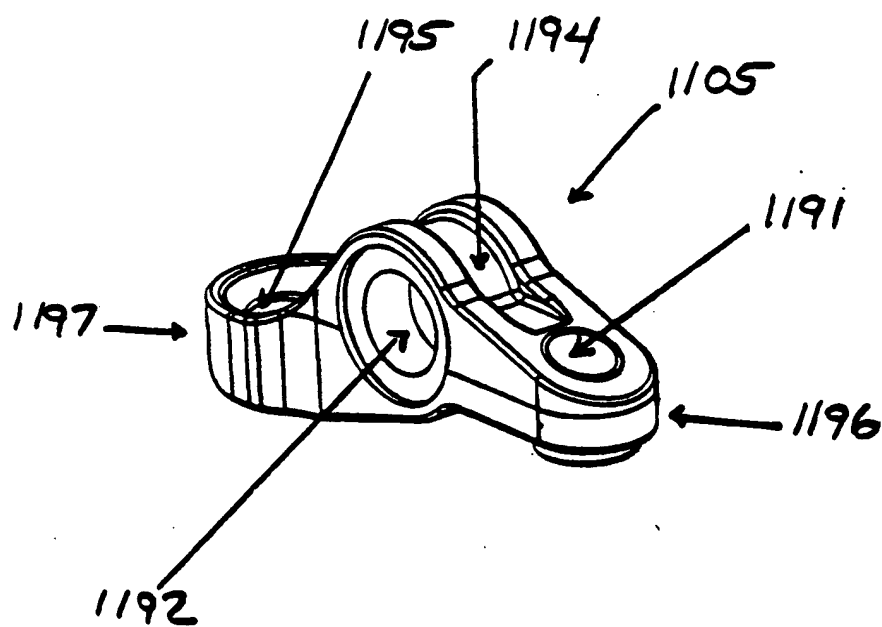
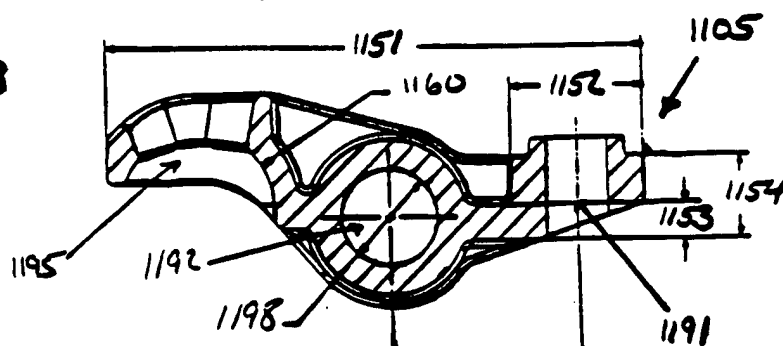


FIG. 11A

FIG. 11B

FIG. 11B



SECTION A - A

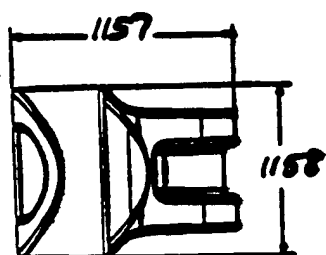


FIG. 11D

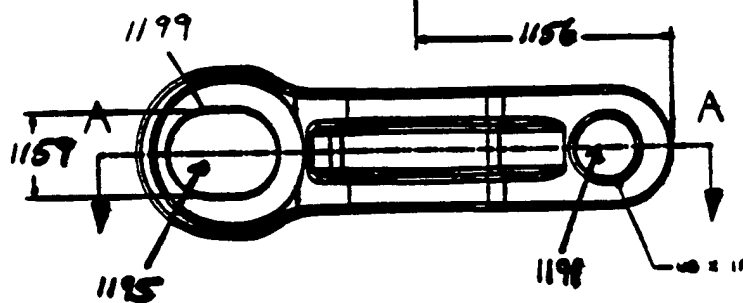


FIG. 11C

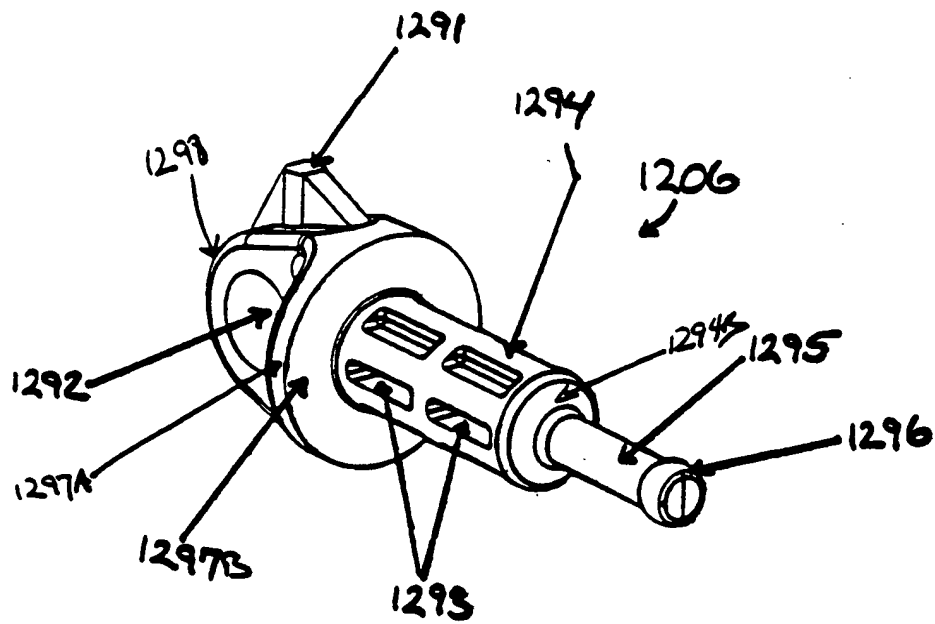


FIG. 12A

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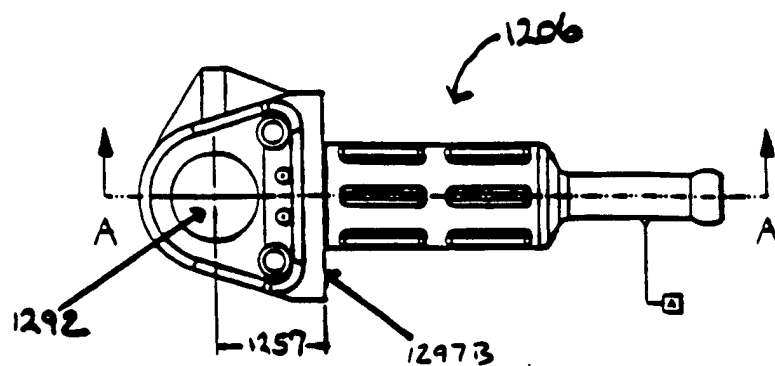
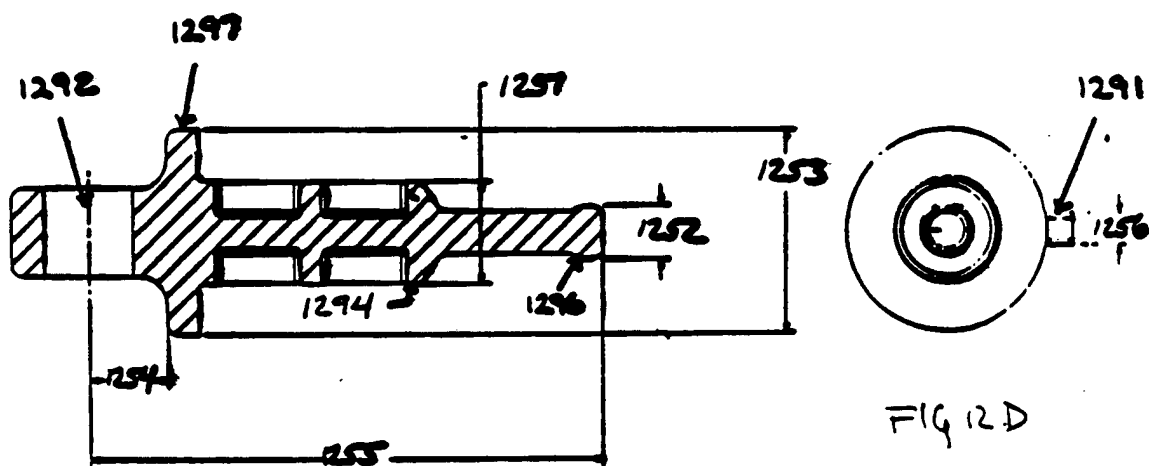


FIG. 12B



SECTION A - A

FIG. 12C

FIG. 12D



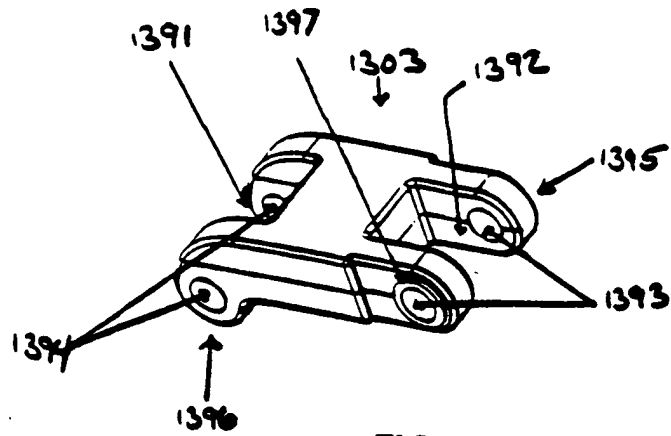


FIG. 13A

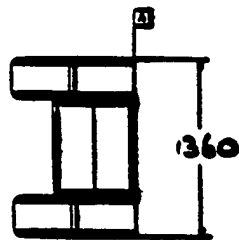


FIG. 13D

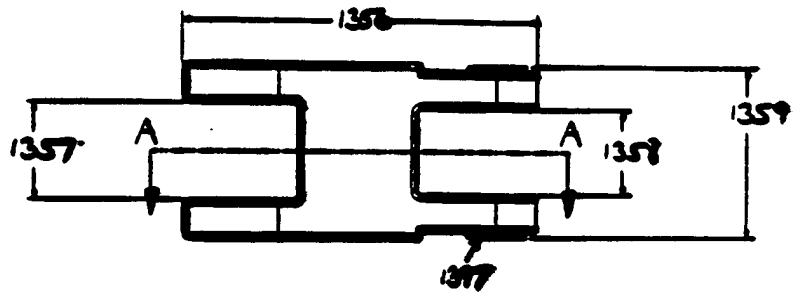


FIG. 13B

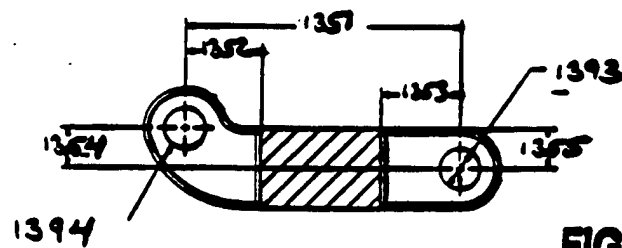


FIG. 13C

SECTION A - A

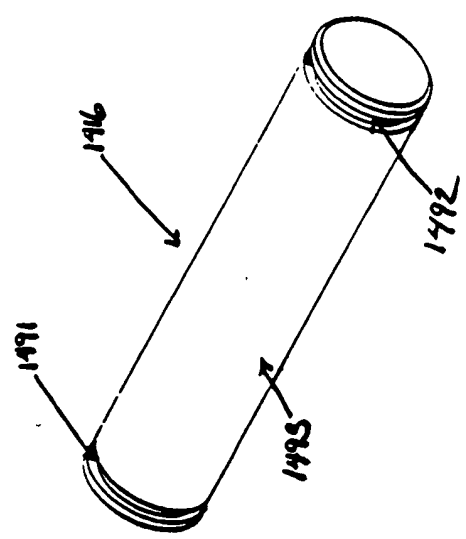


FIG. 14A

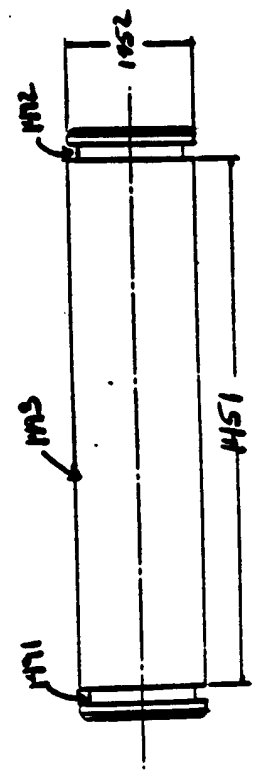


FIG. 14B

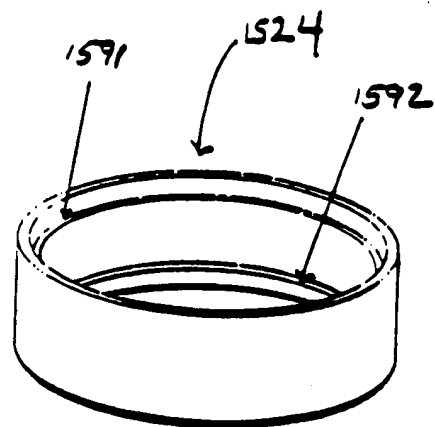


FIG. 15A

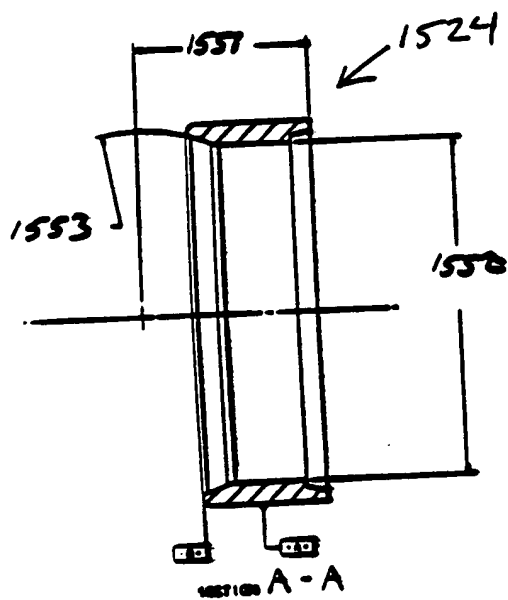


FIG. 15B

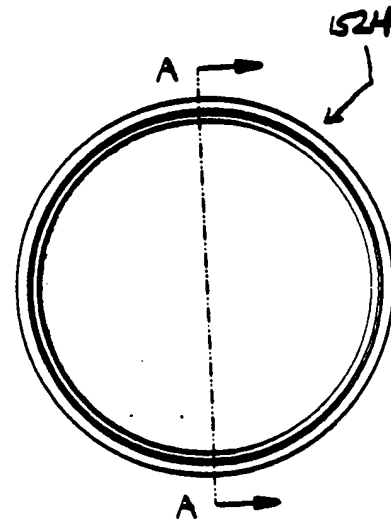


FIG. 15C

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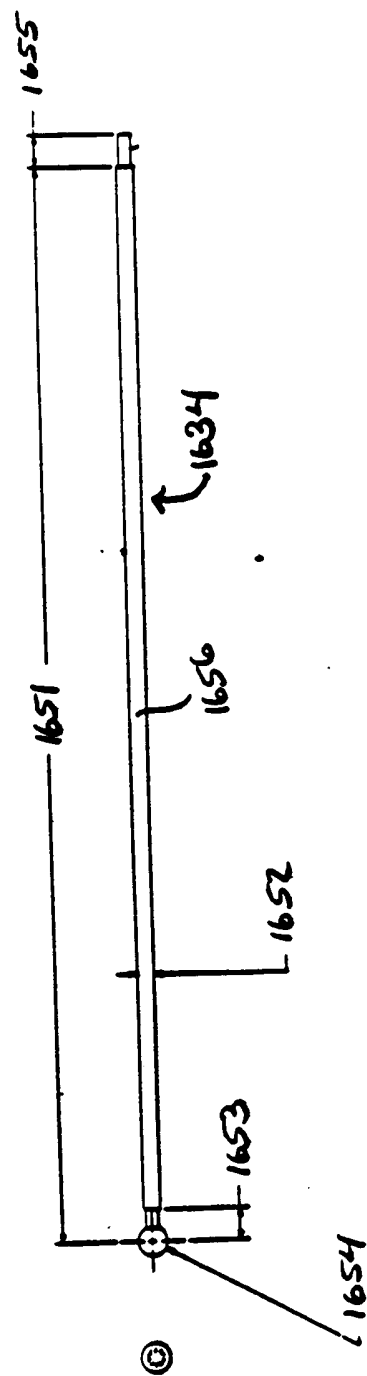


FIG. 16

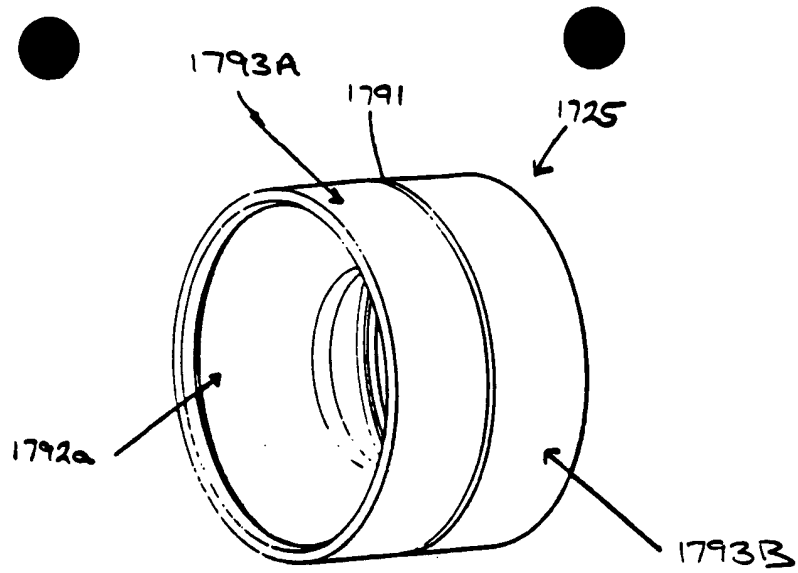


FIG. 17A

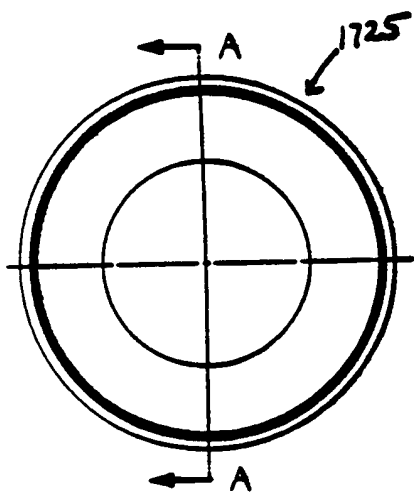
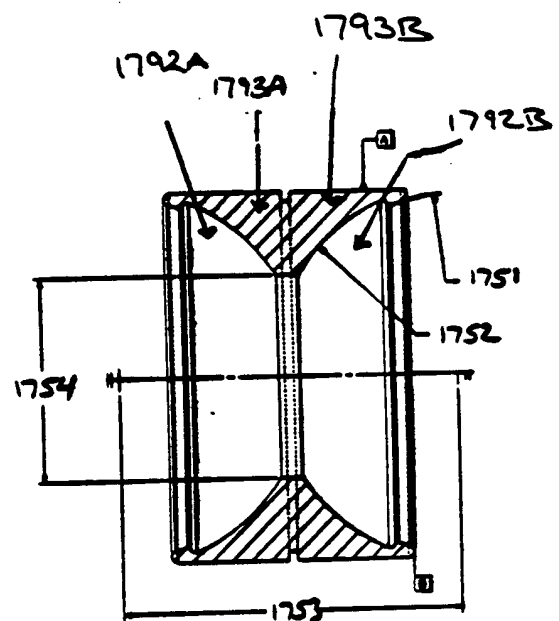


FIG. 17B



SECTION A - A

FIG. 17C

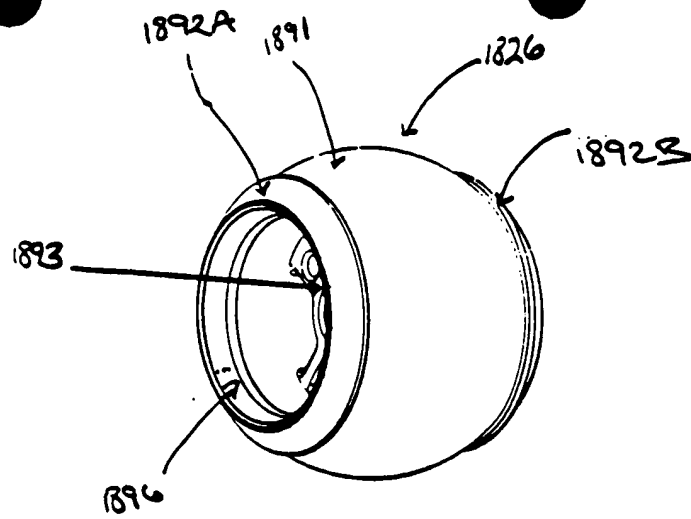


FIG. 18A

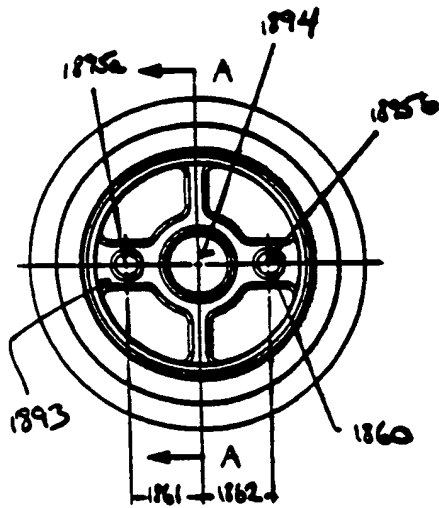


FIG. 18B

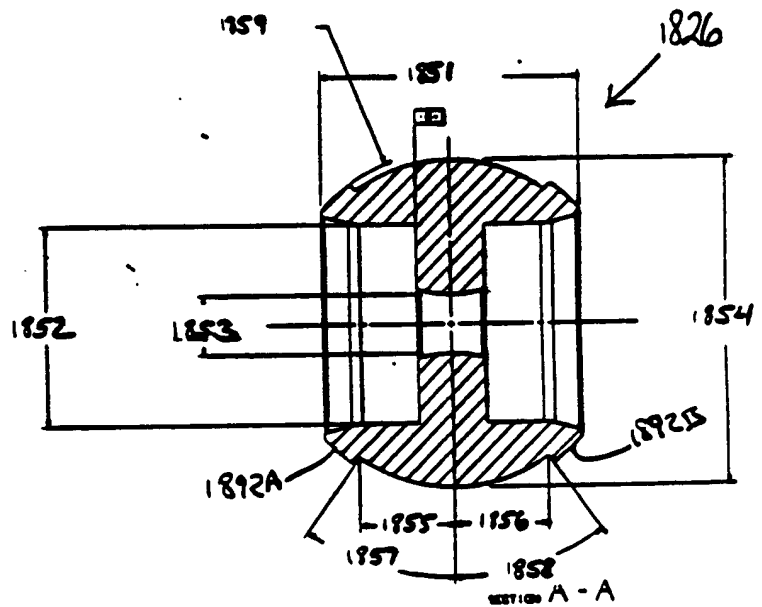
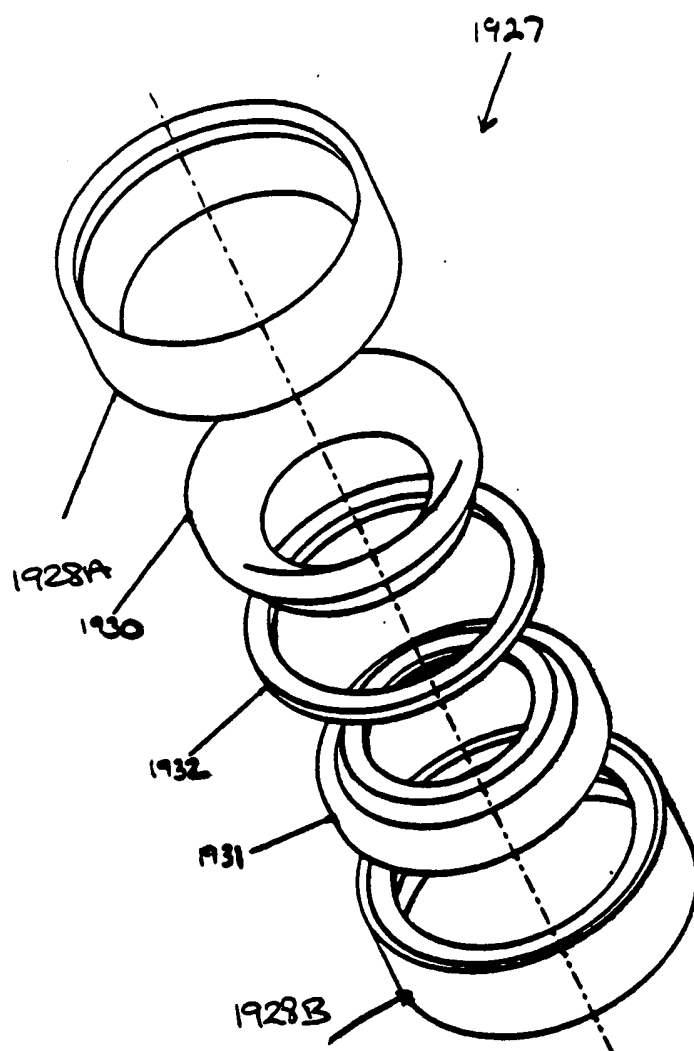


FIG. 18C



**FIG. 19A**

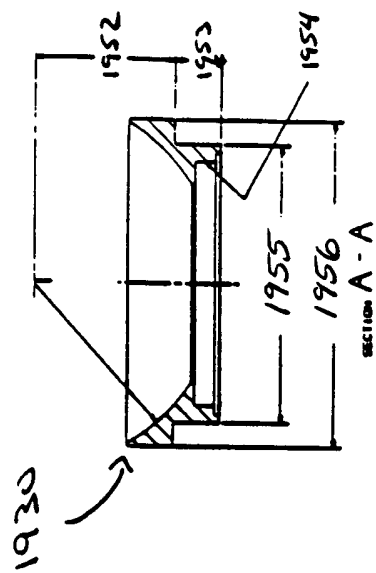
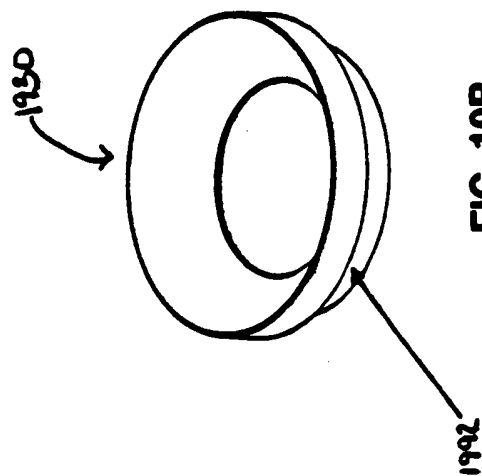


FIG. 19B

FIG. 19C

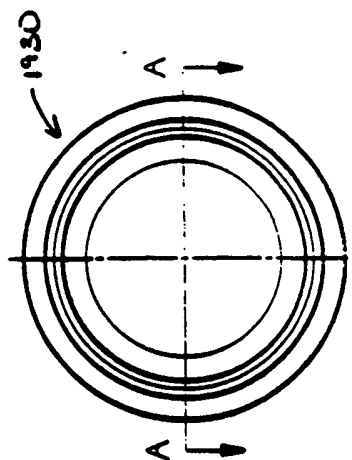
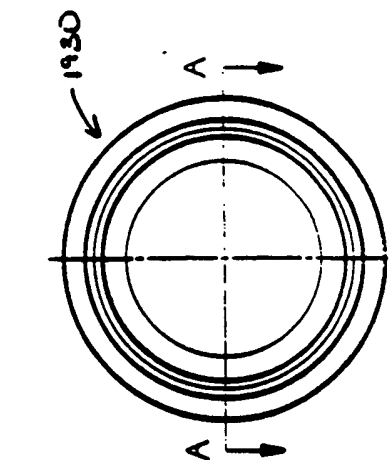
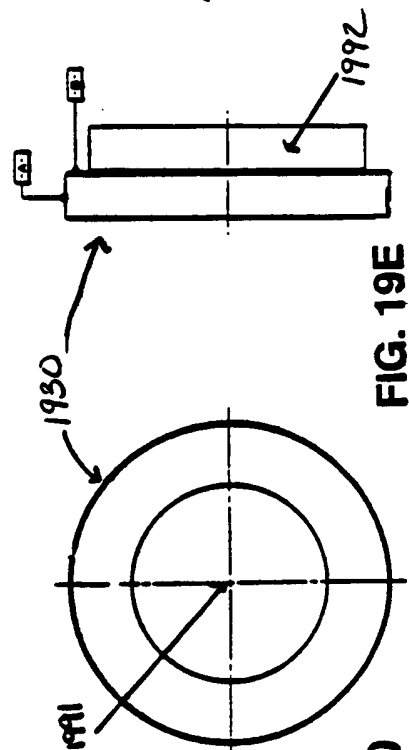


FIG. 19D

FIG. 19E

FIG. 19F



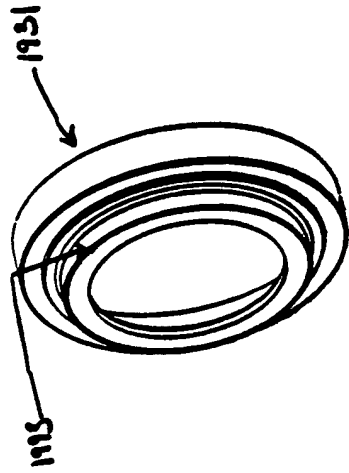


FIG. 19G

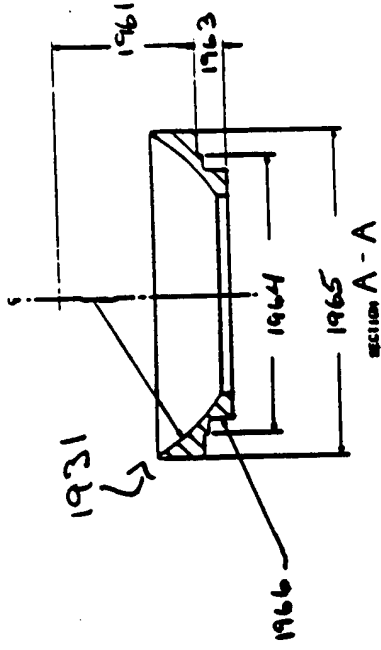


FIG. 19H

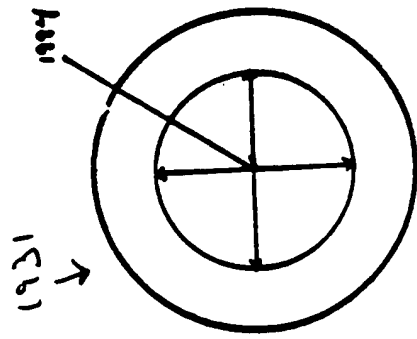


FIG. 19I

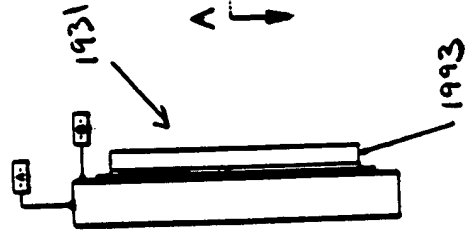


FIG. 19J

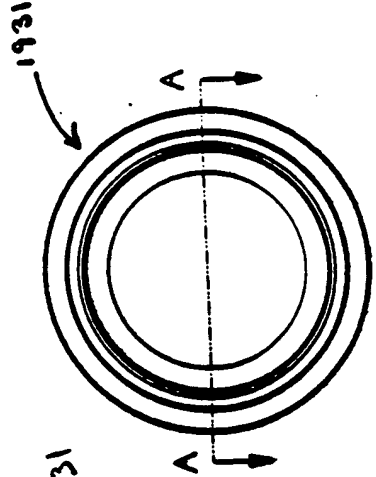
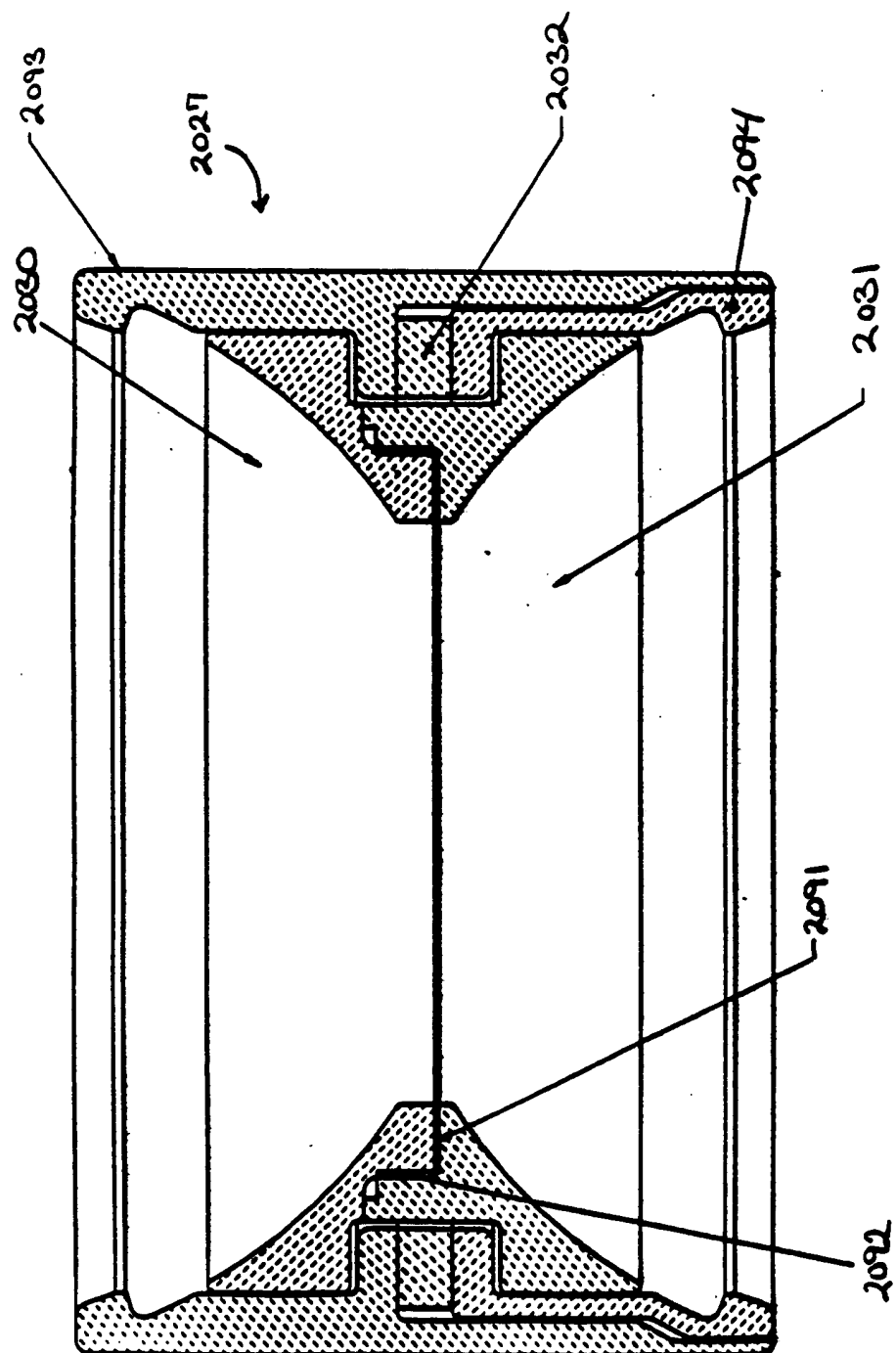


FIG. 19K

Year	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	



**FIG. 20**

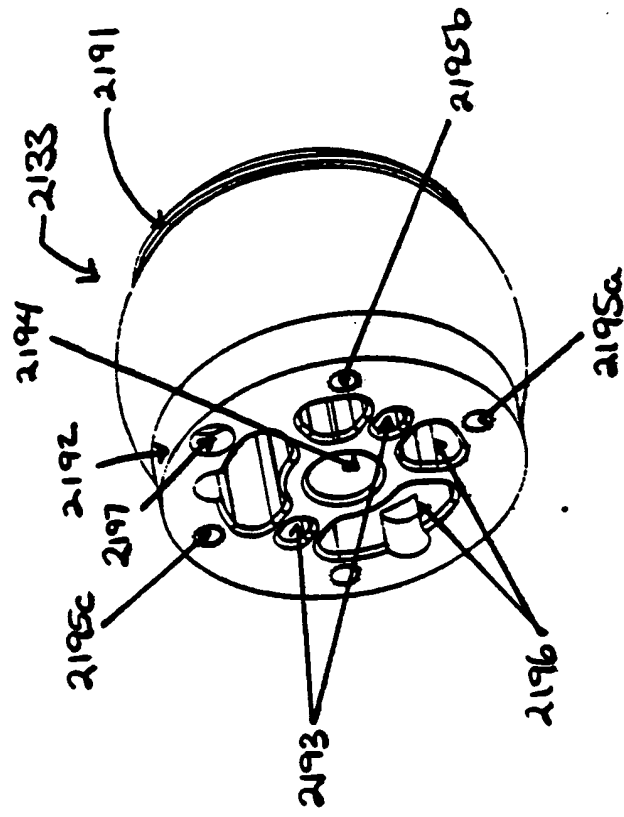


FIG. 21A

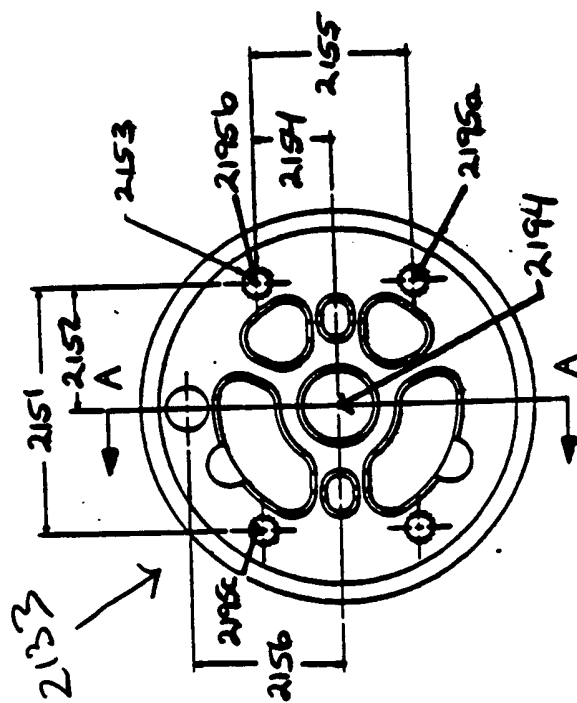
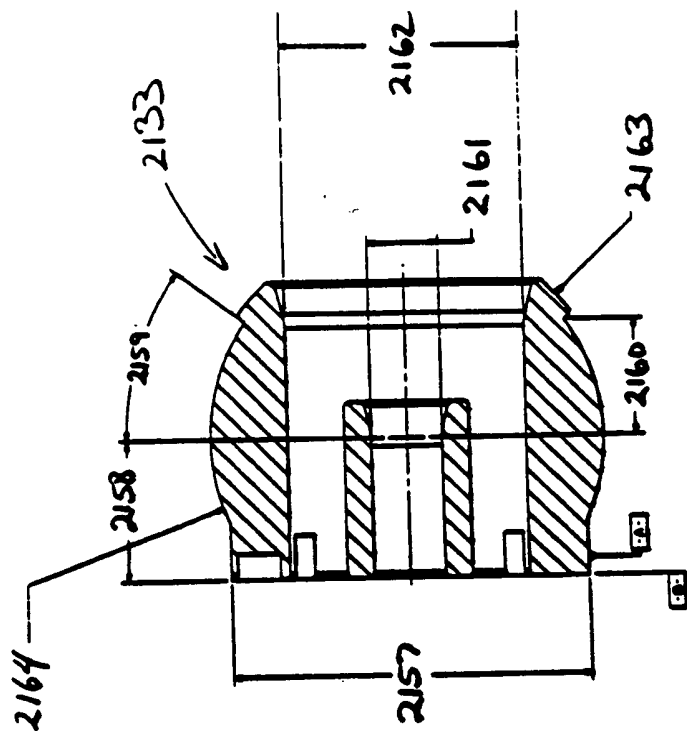


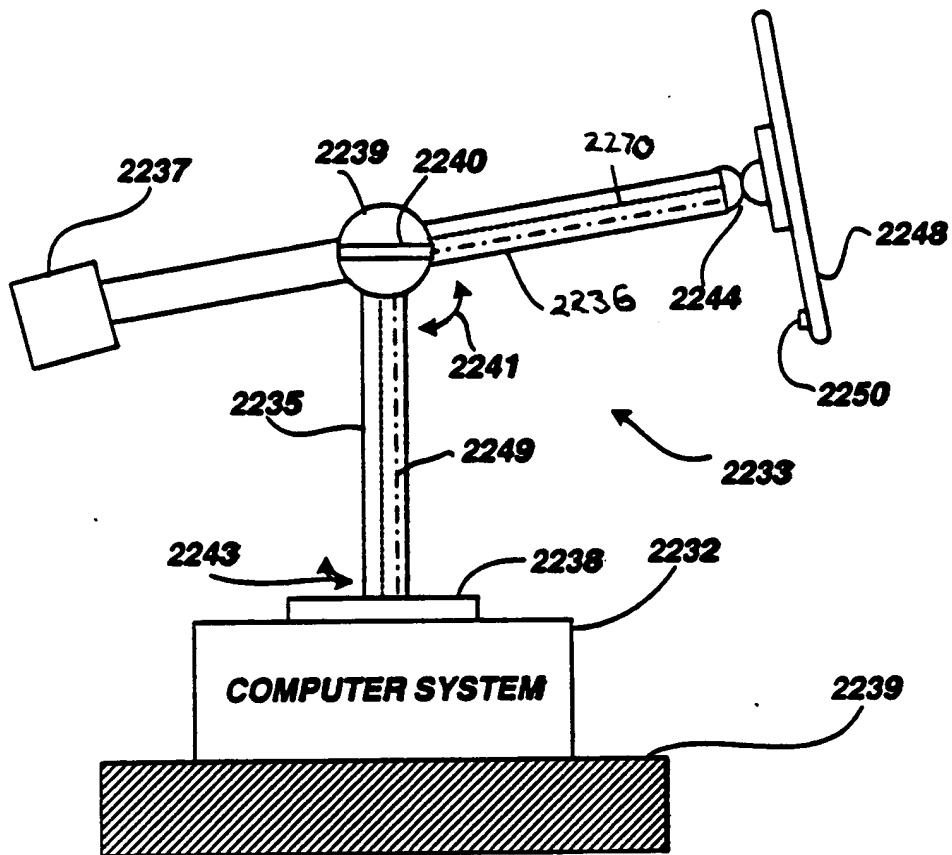
FIG. 21B



SECTION A - A

FIG. 21C





**FIG. 22B**

FIG. 22C

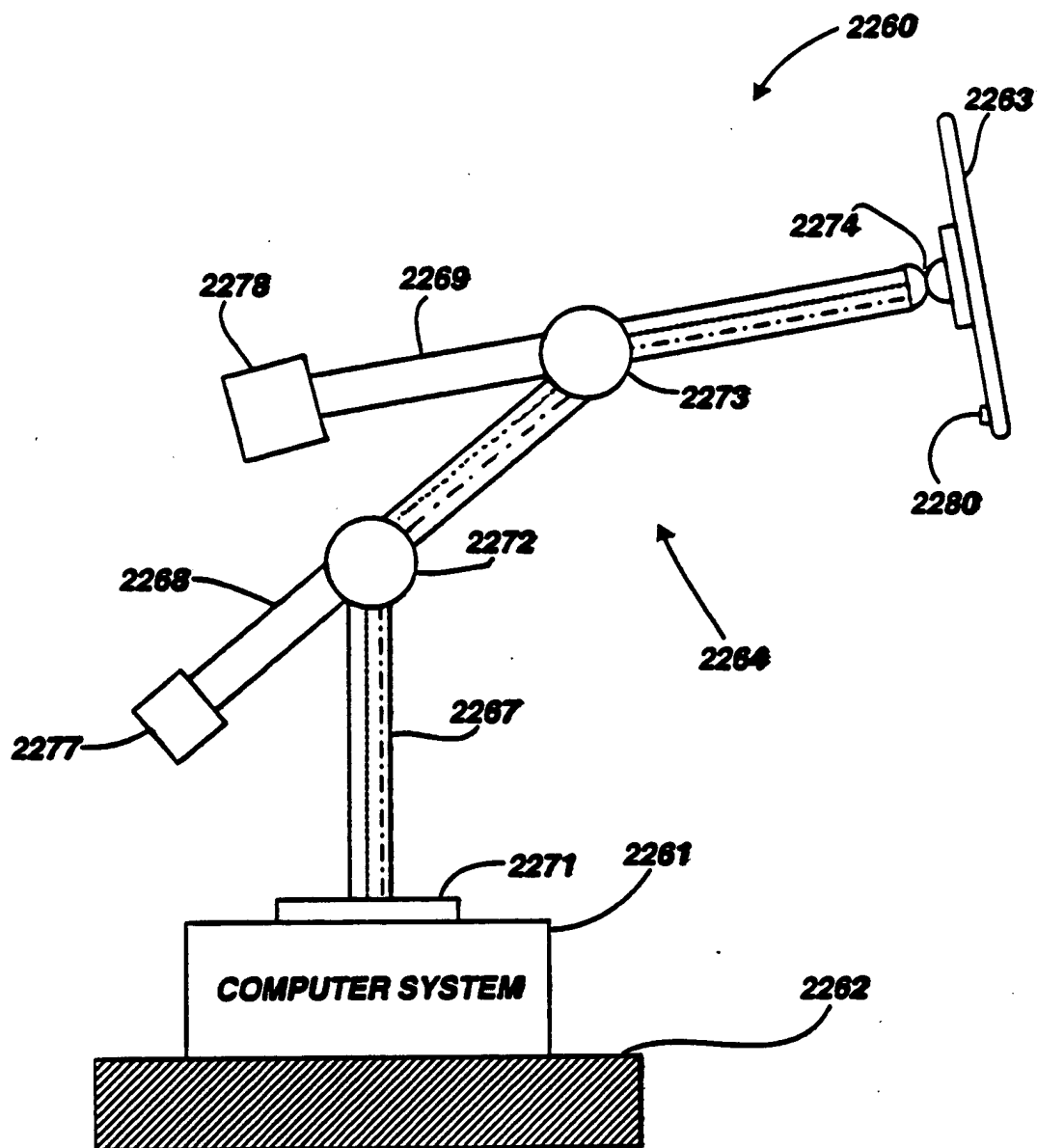


FIG. 22C

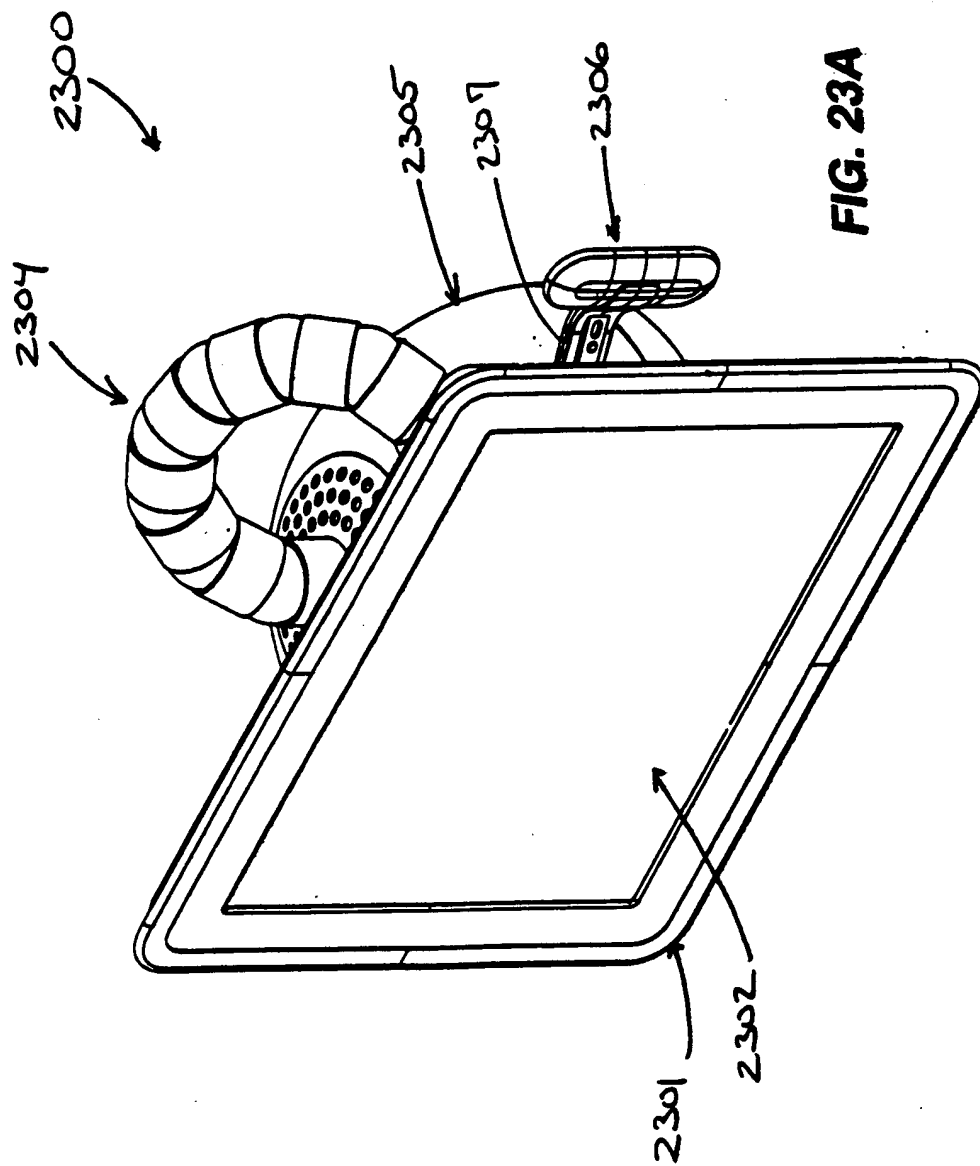


FIG. 23A



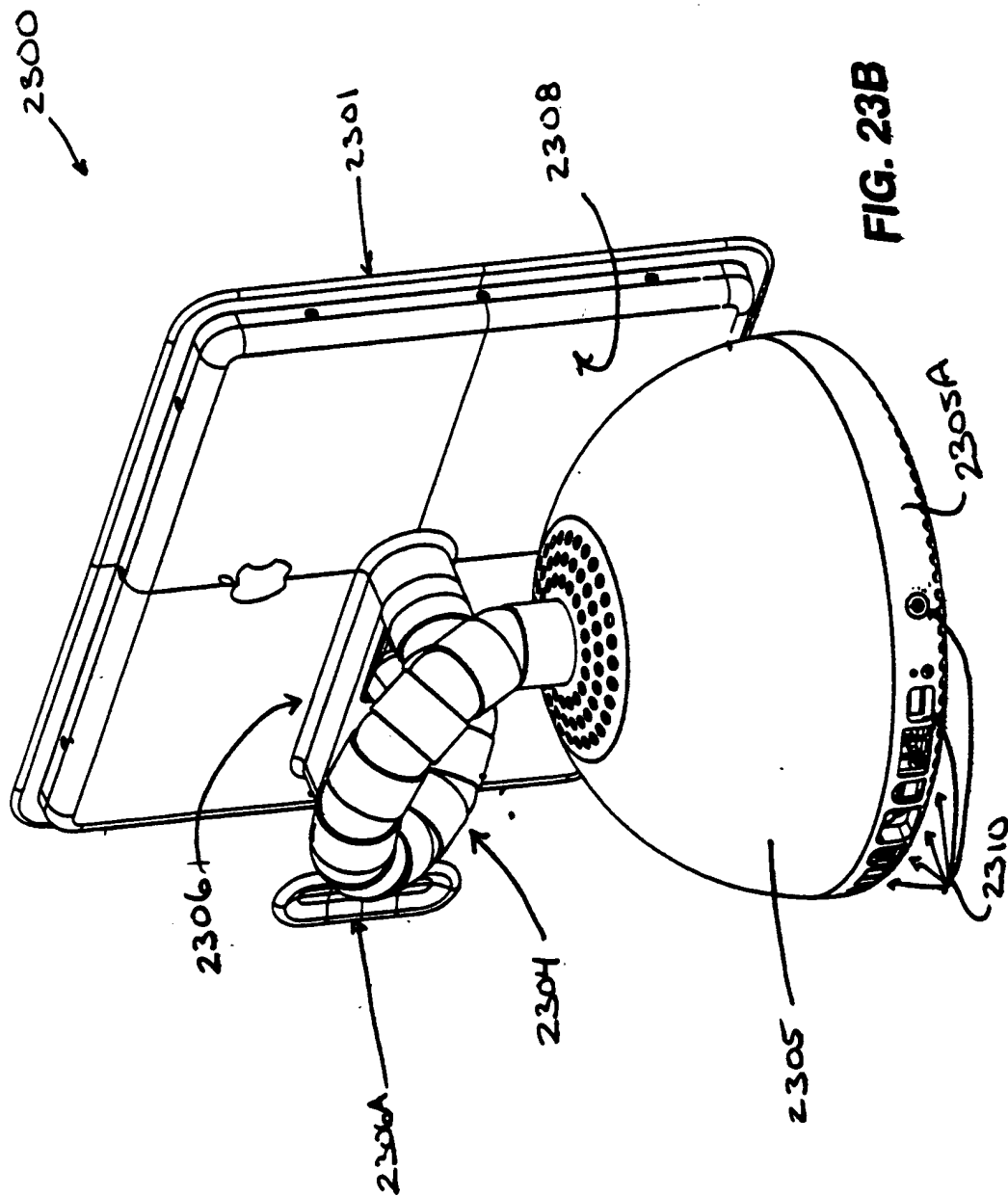


FIG. 23B

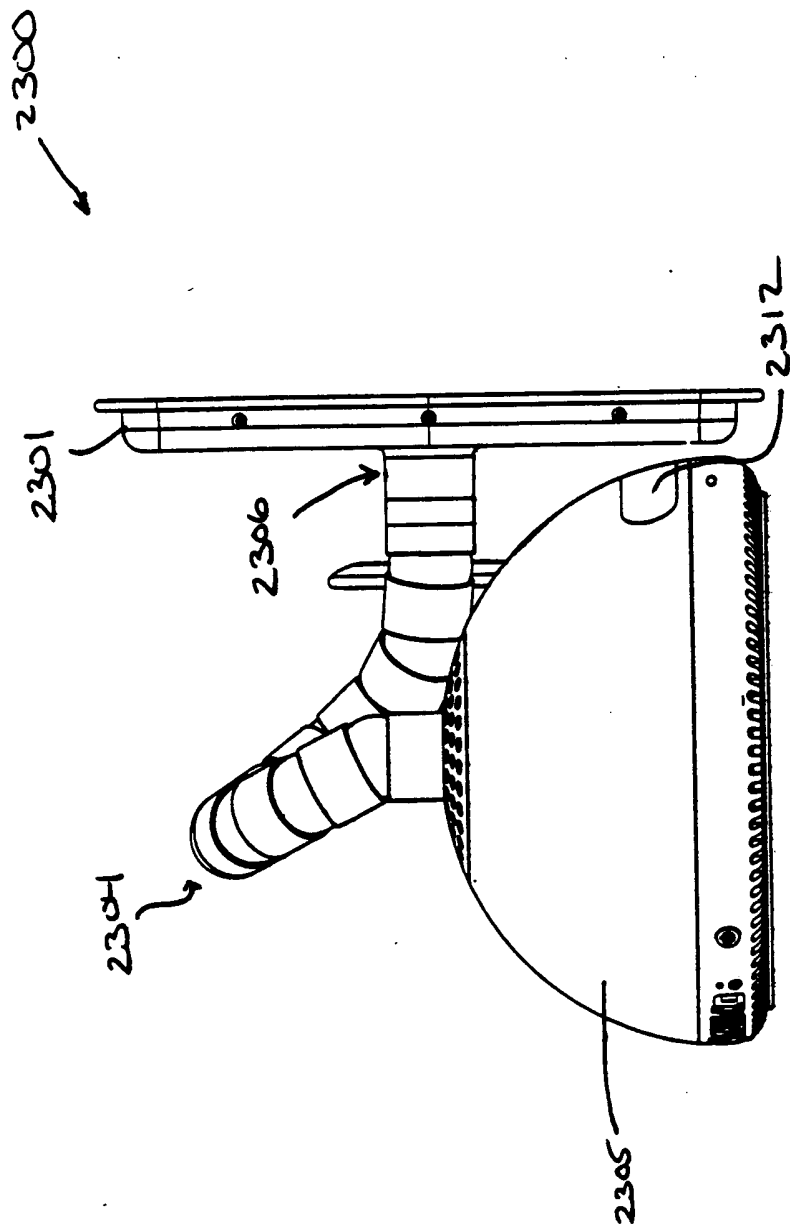


FIG. 23C

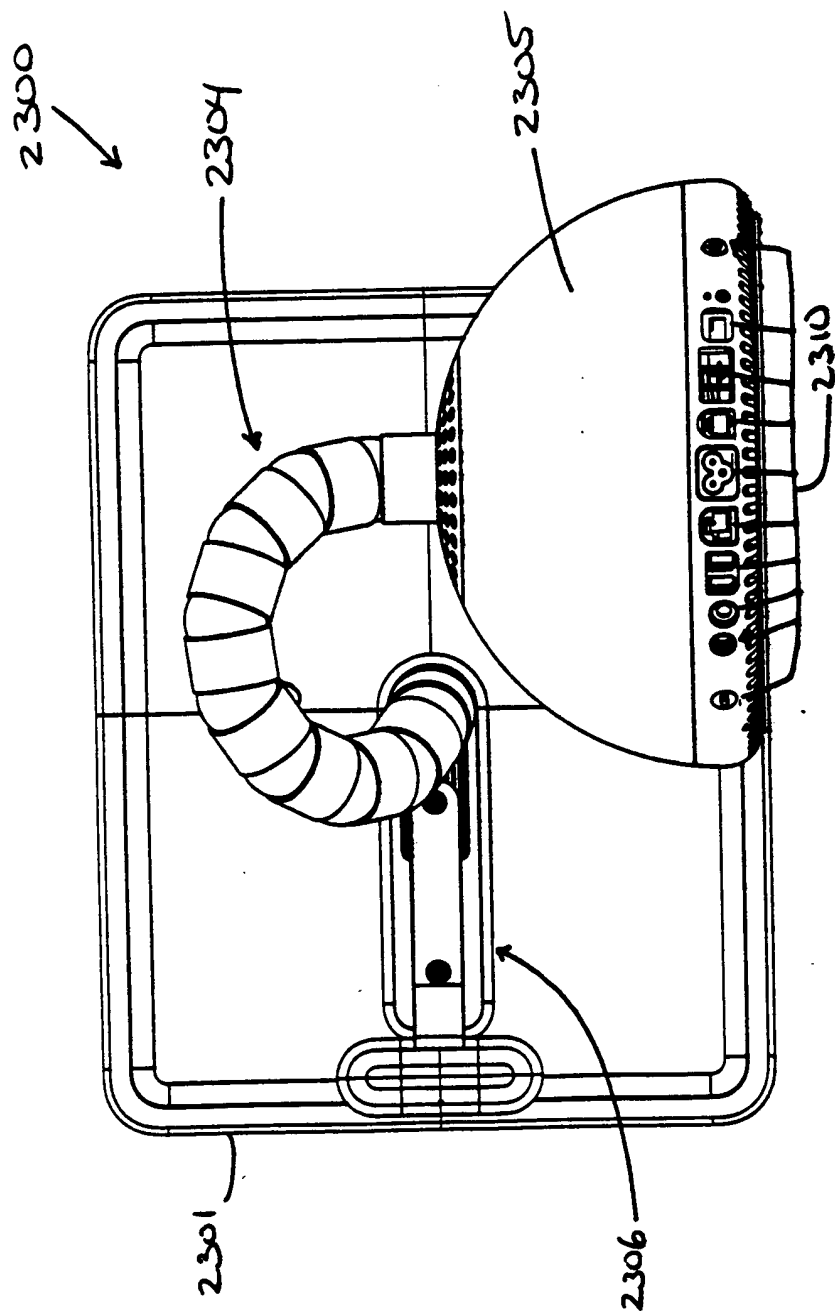


FIG. 23D

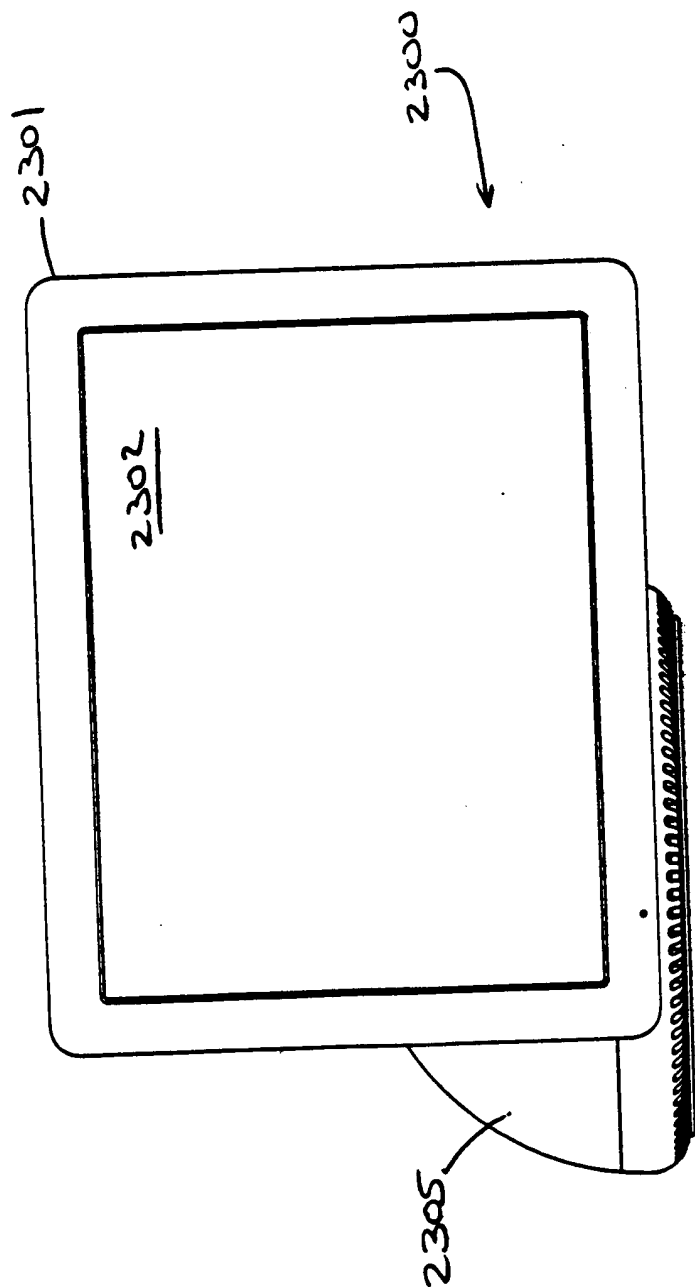


FIG. 23E

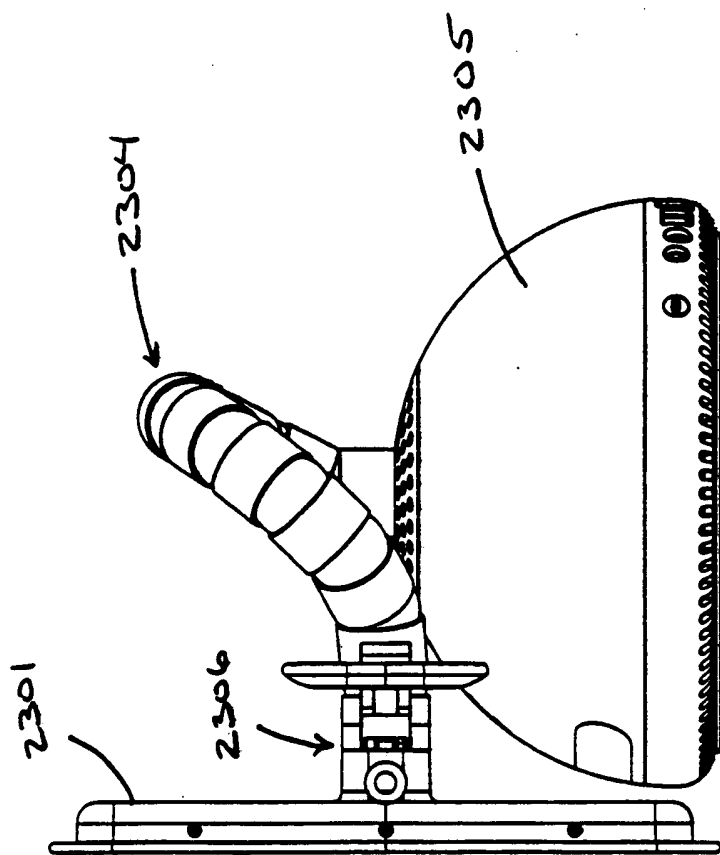
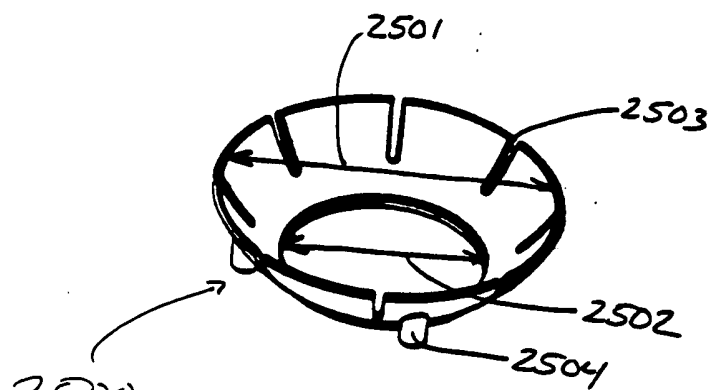


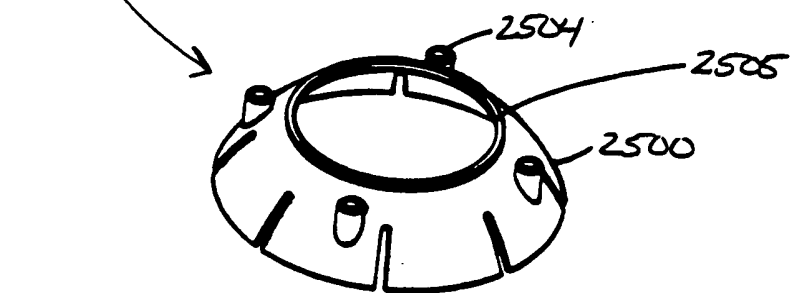
FIG. 23F



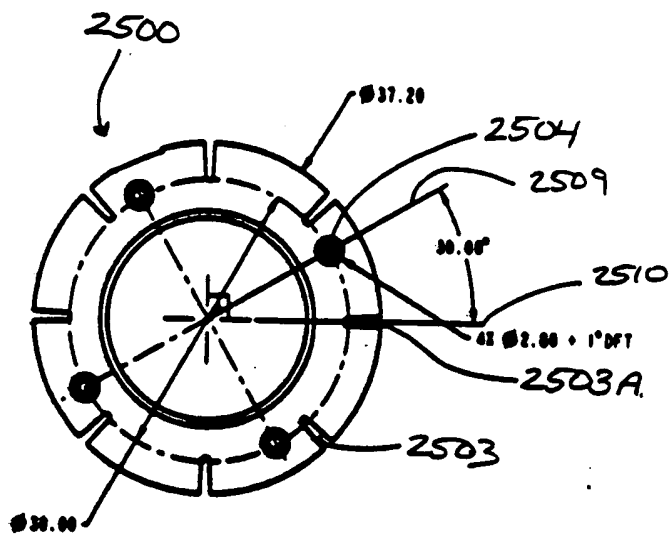




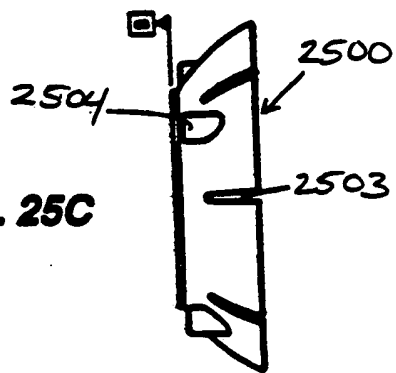
**FIG. 25A**



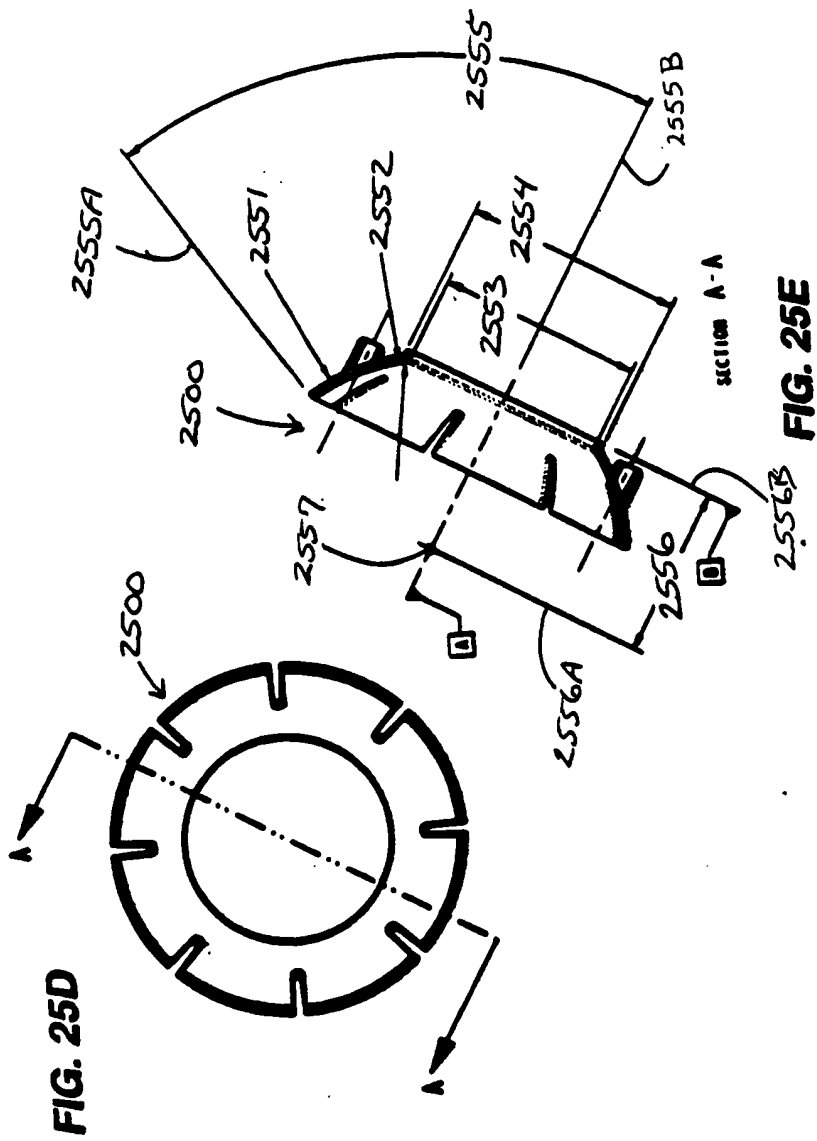


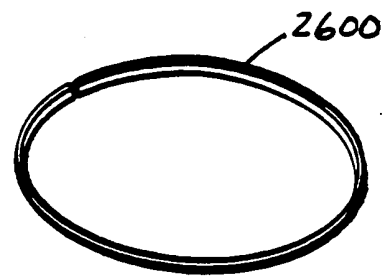


**FIG. 25B**

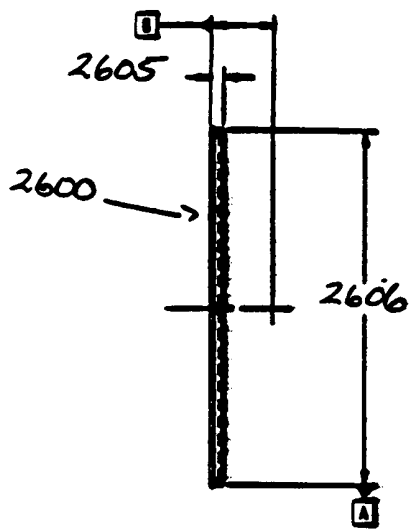


**FIG. 25C**

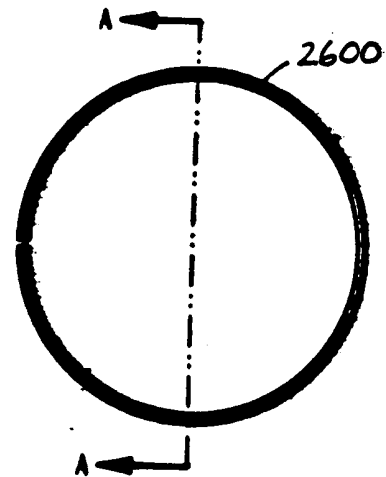




**FIG. 26A**

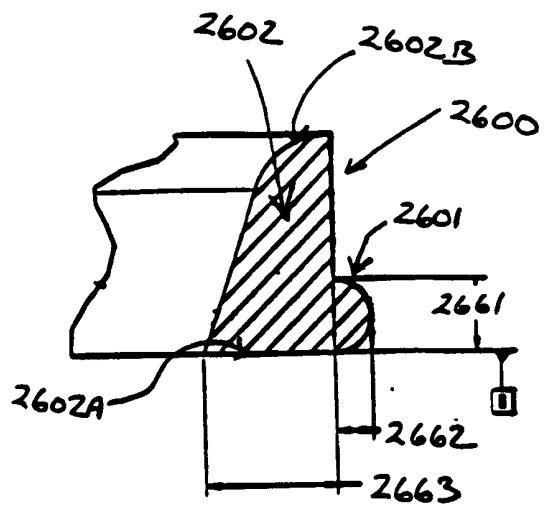


**FIG. 26B**



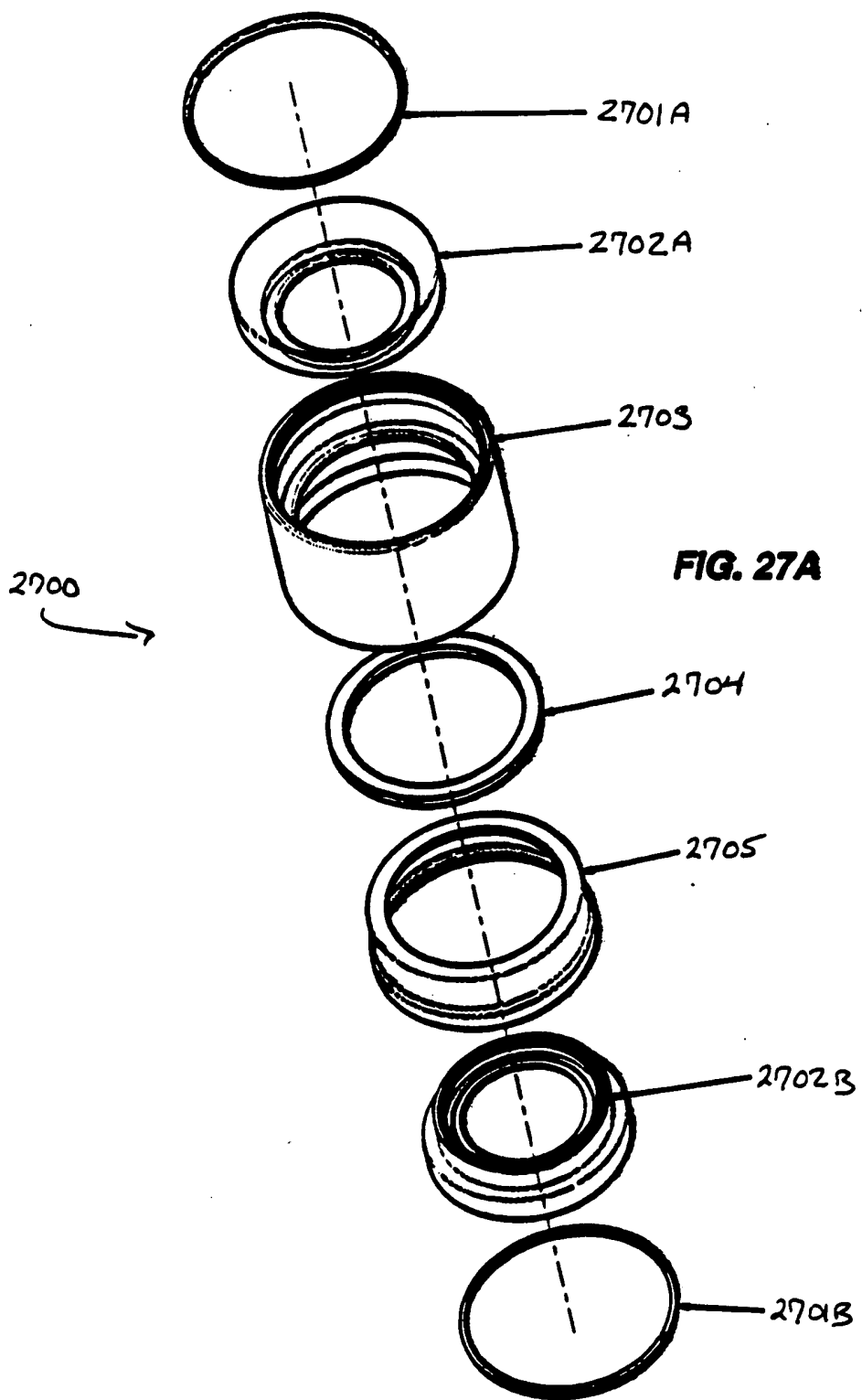
**FIG. 26C**

FIG. 26A



**FIG. 26D**

FIG. 26D





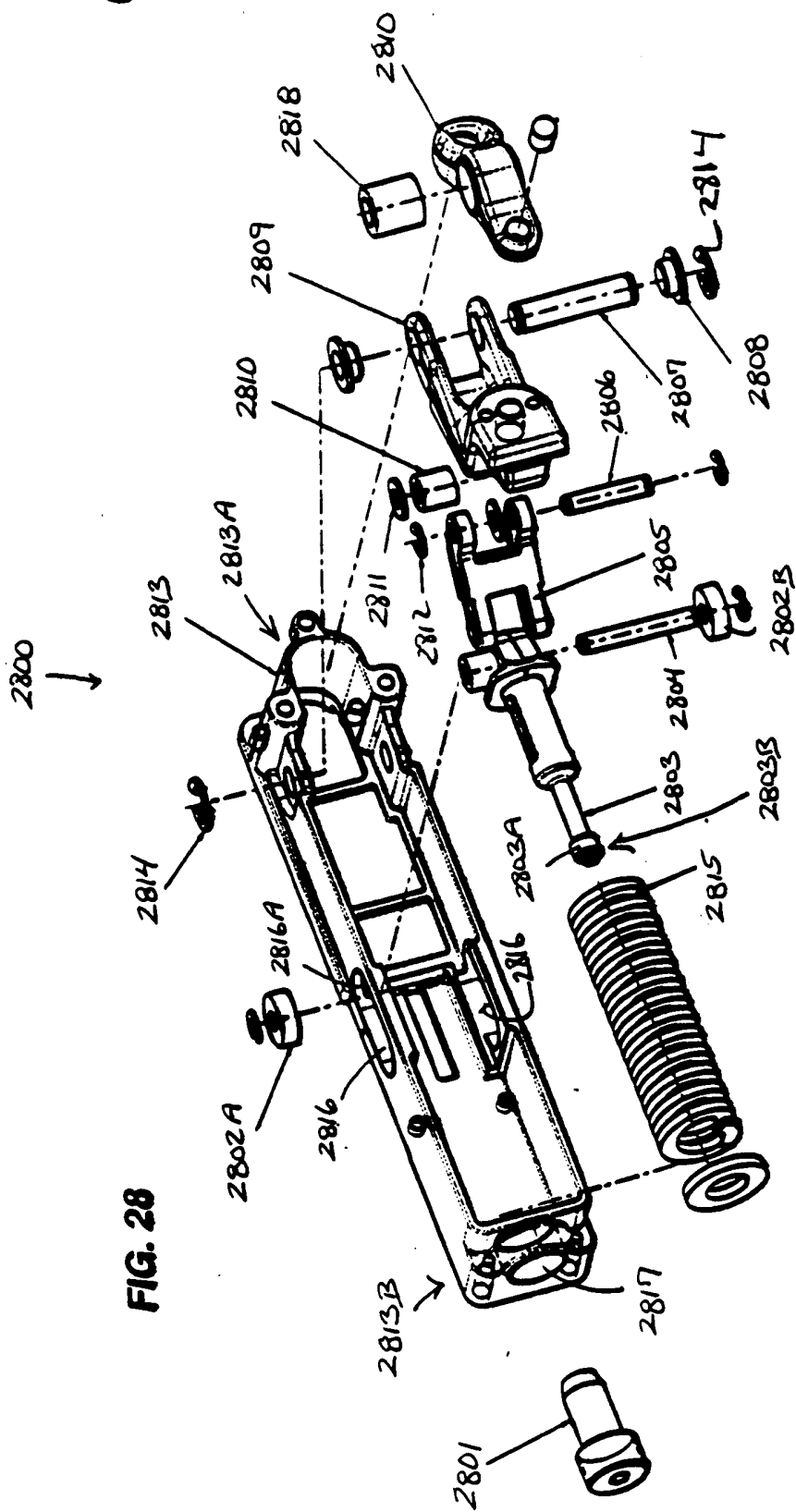
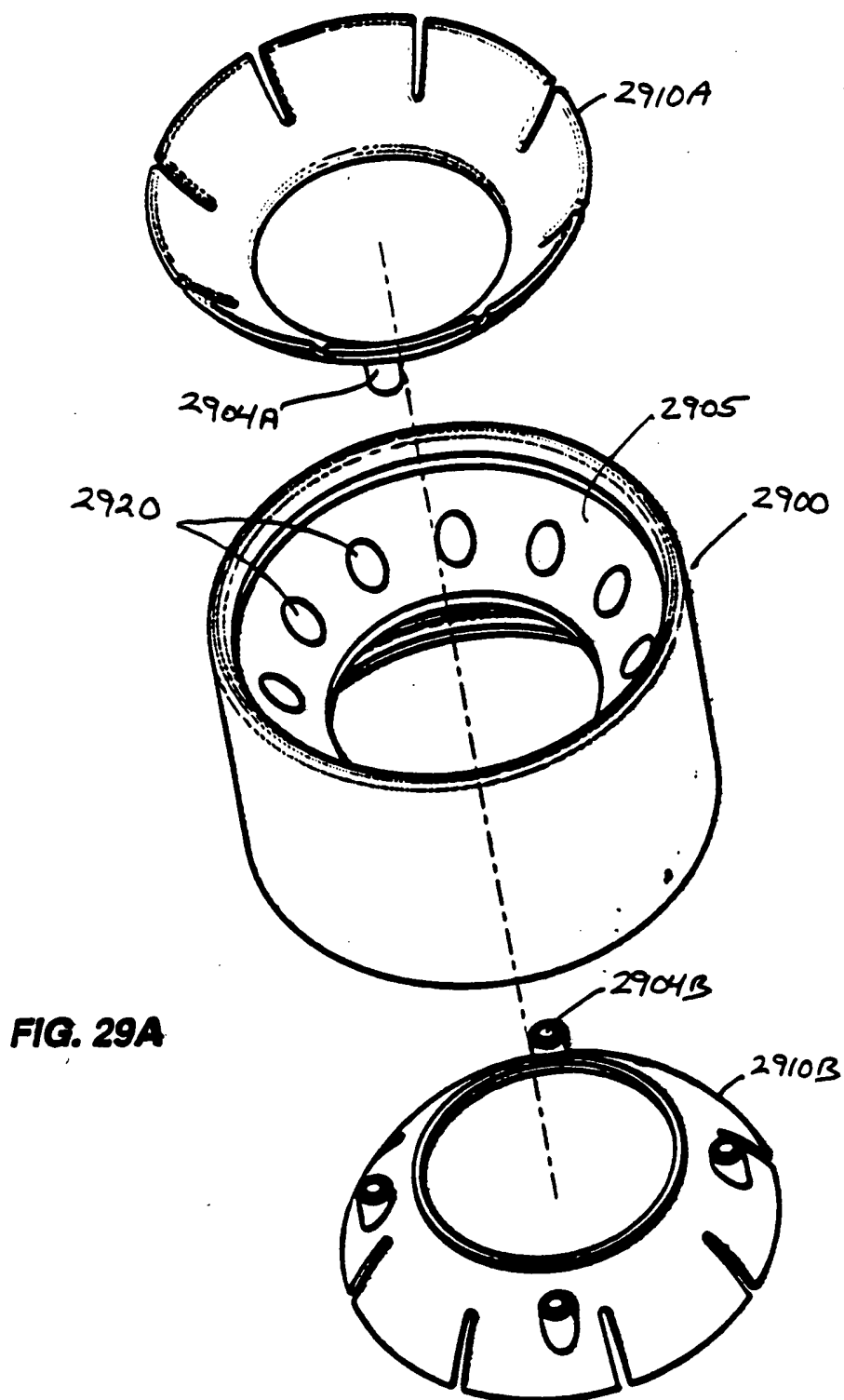
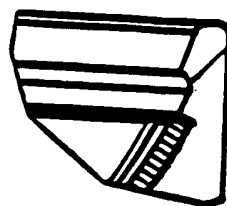


FIG. 29A





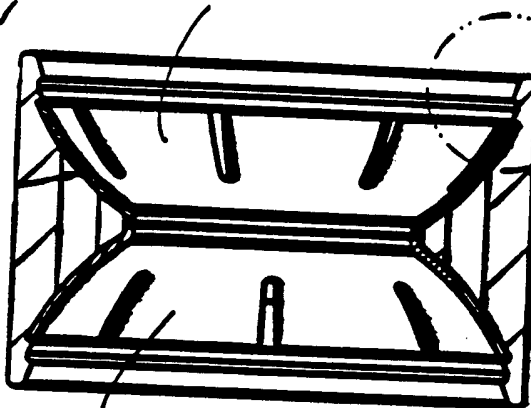


**FIG. 29C**

DETAIL A

2900

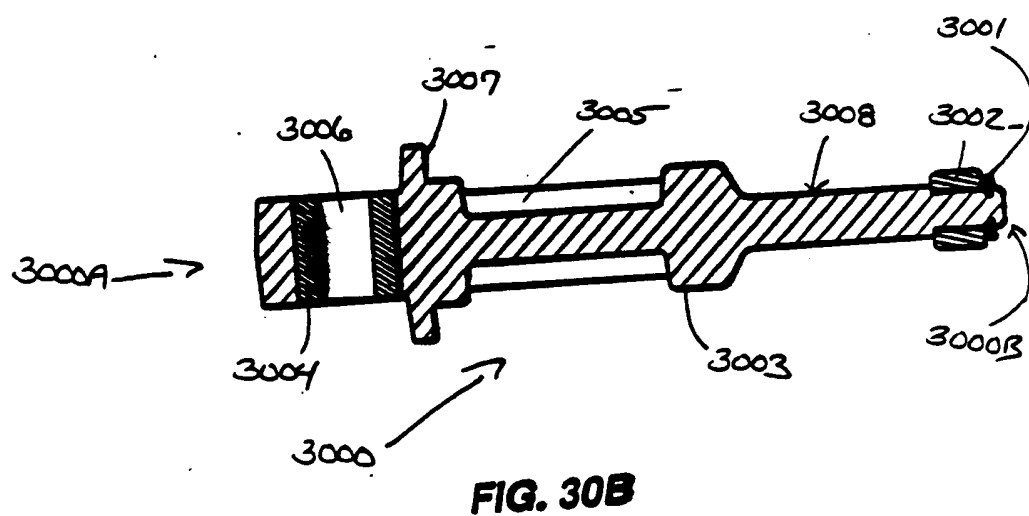
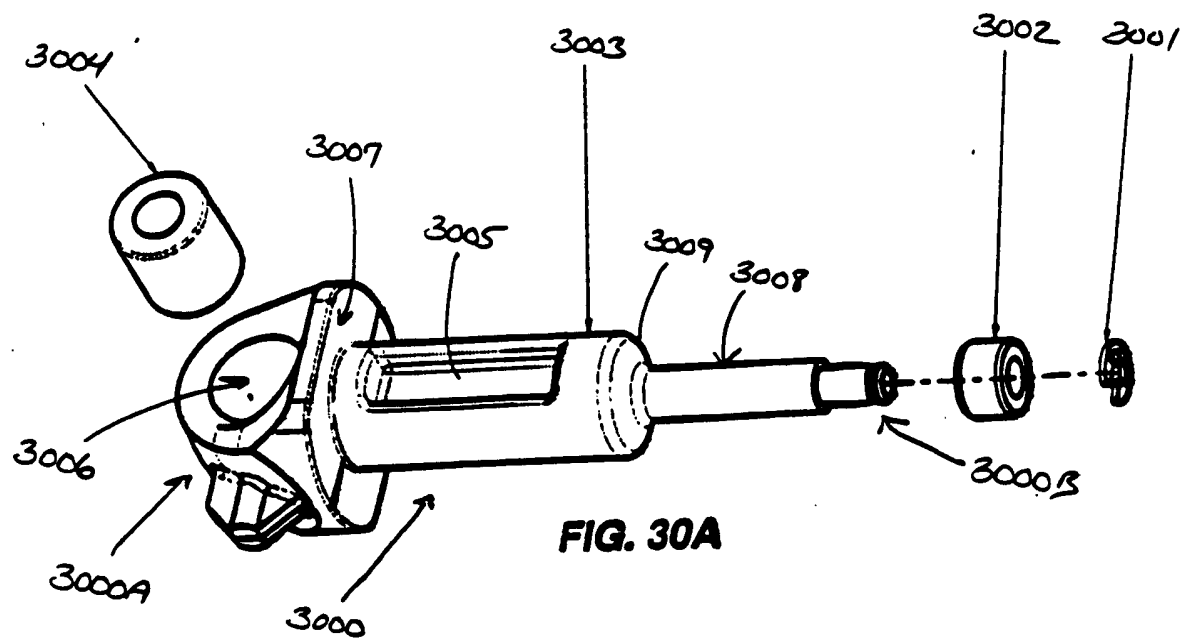
2910A

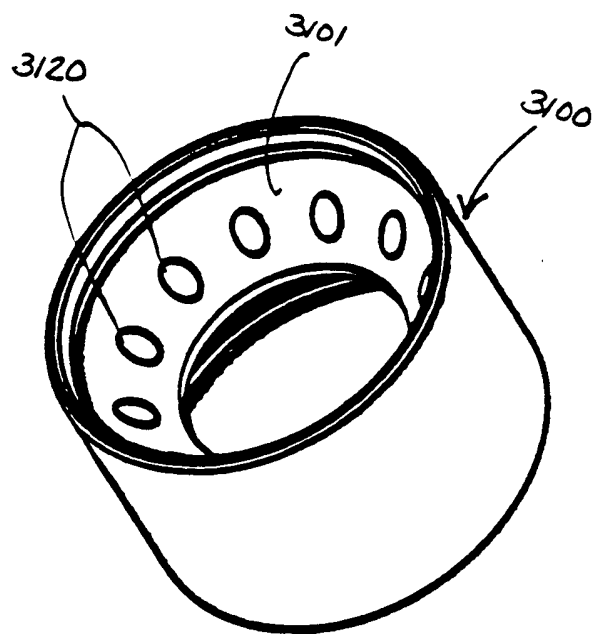


SEE DETAIL A

2910B

**FIG. 29B**





**FIG. 31A**

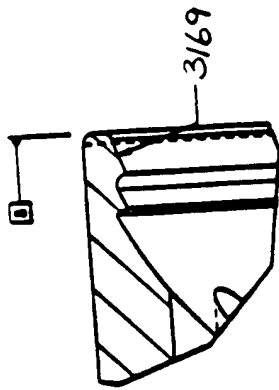


FIG. 31D

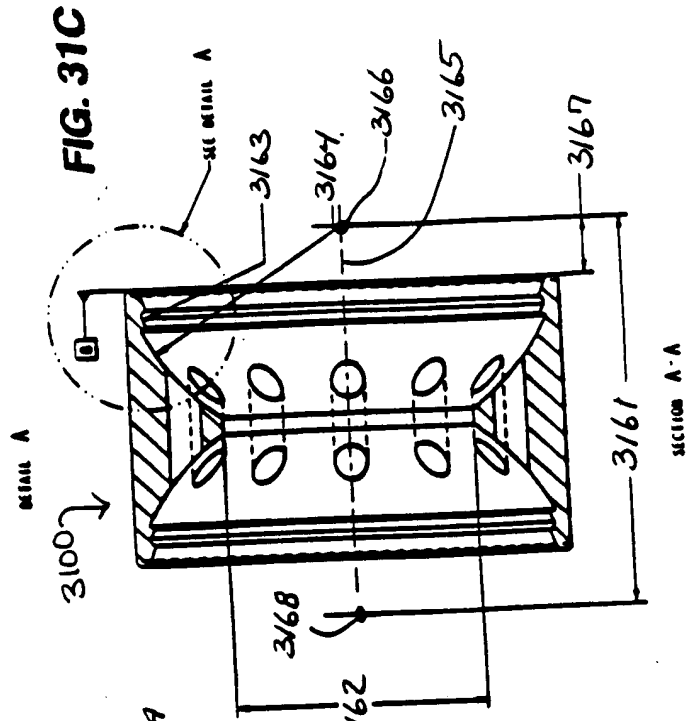


FIG. 31C

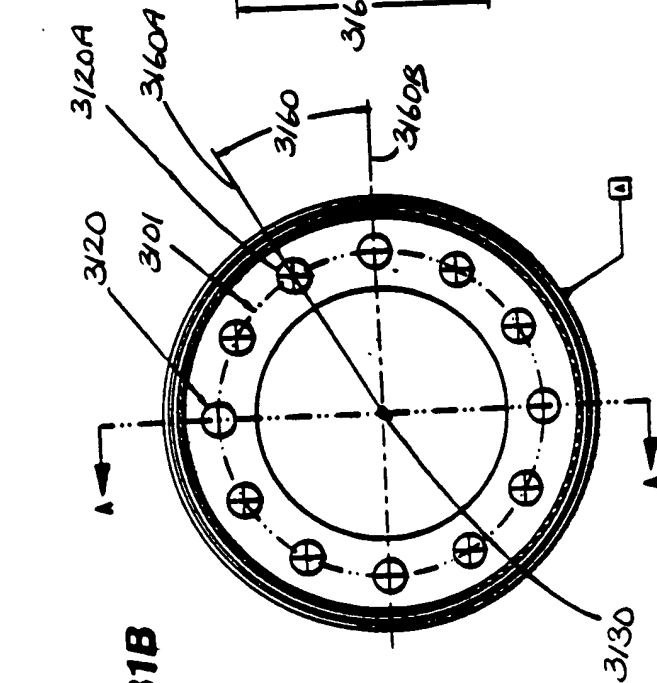
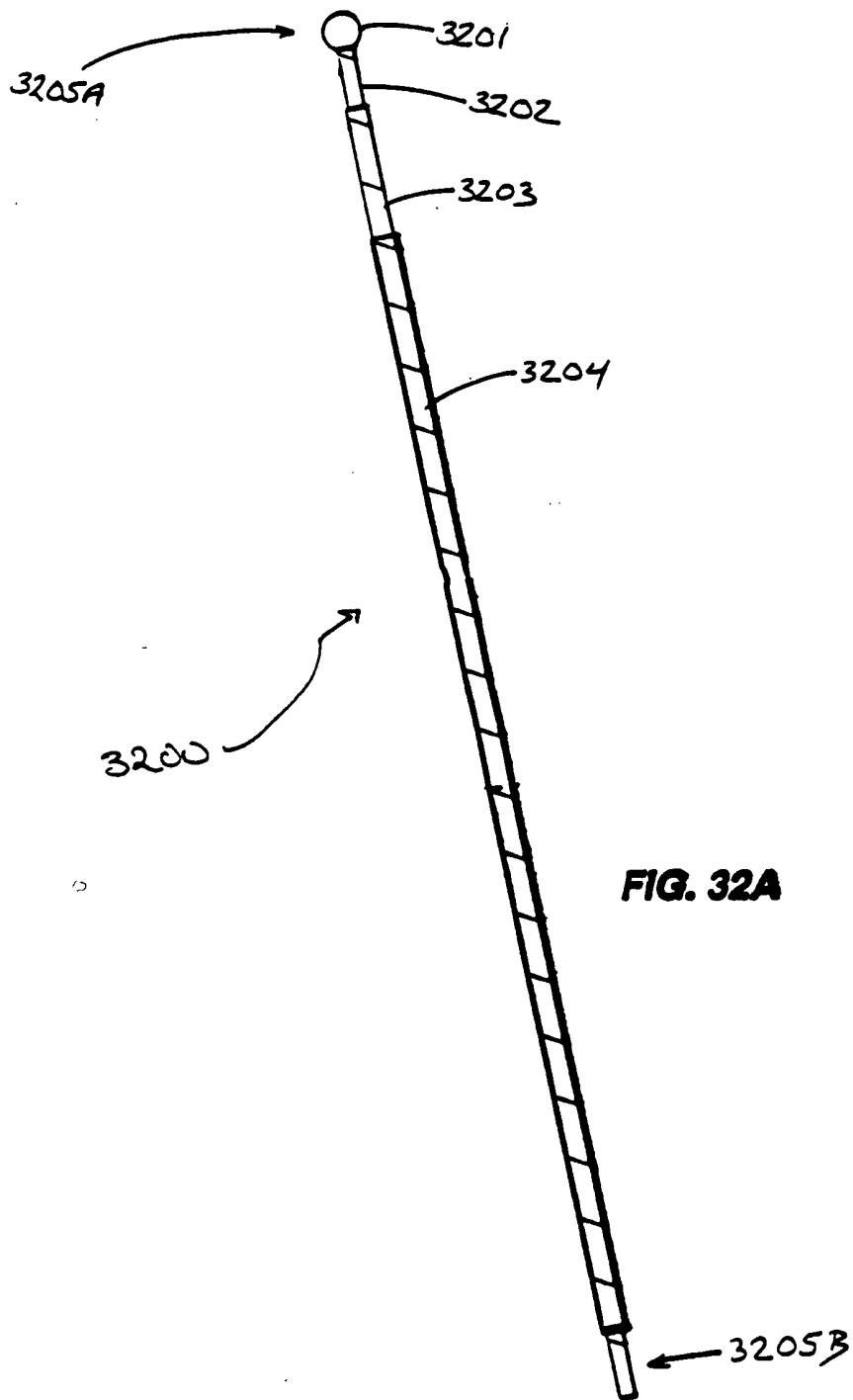
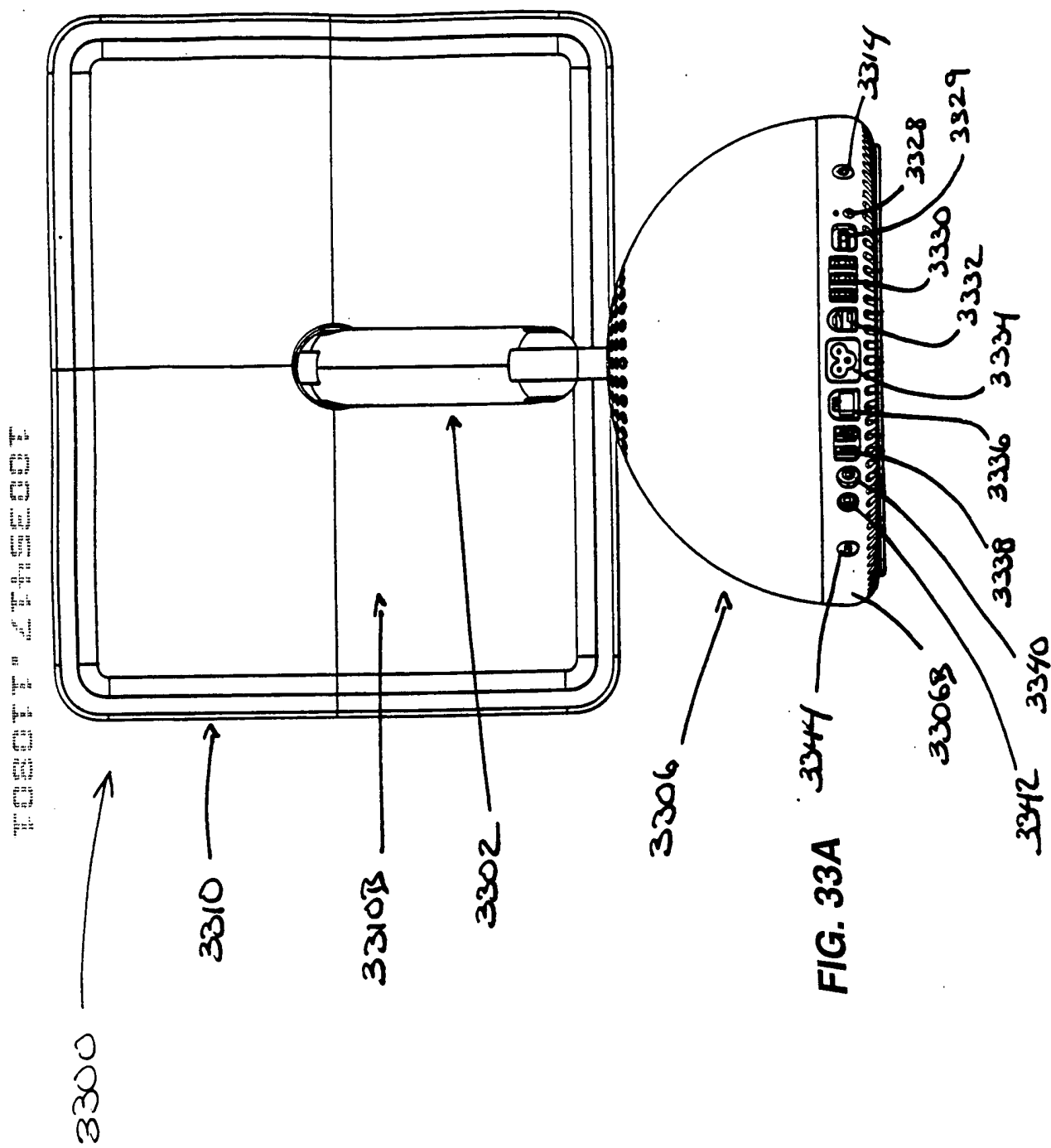
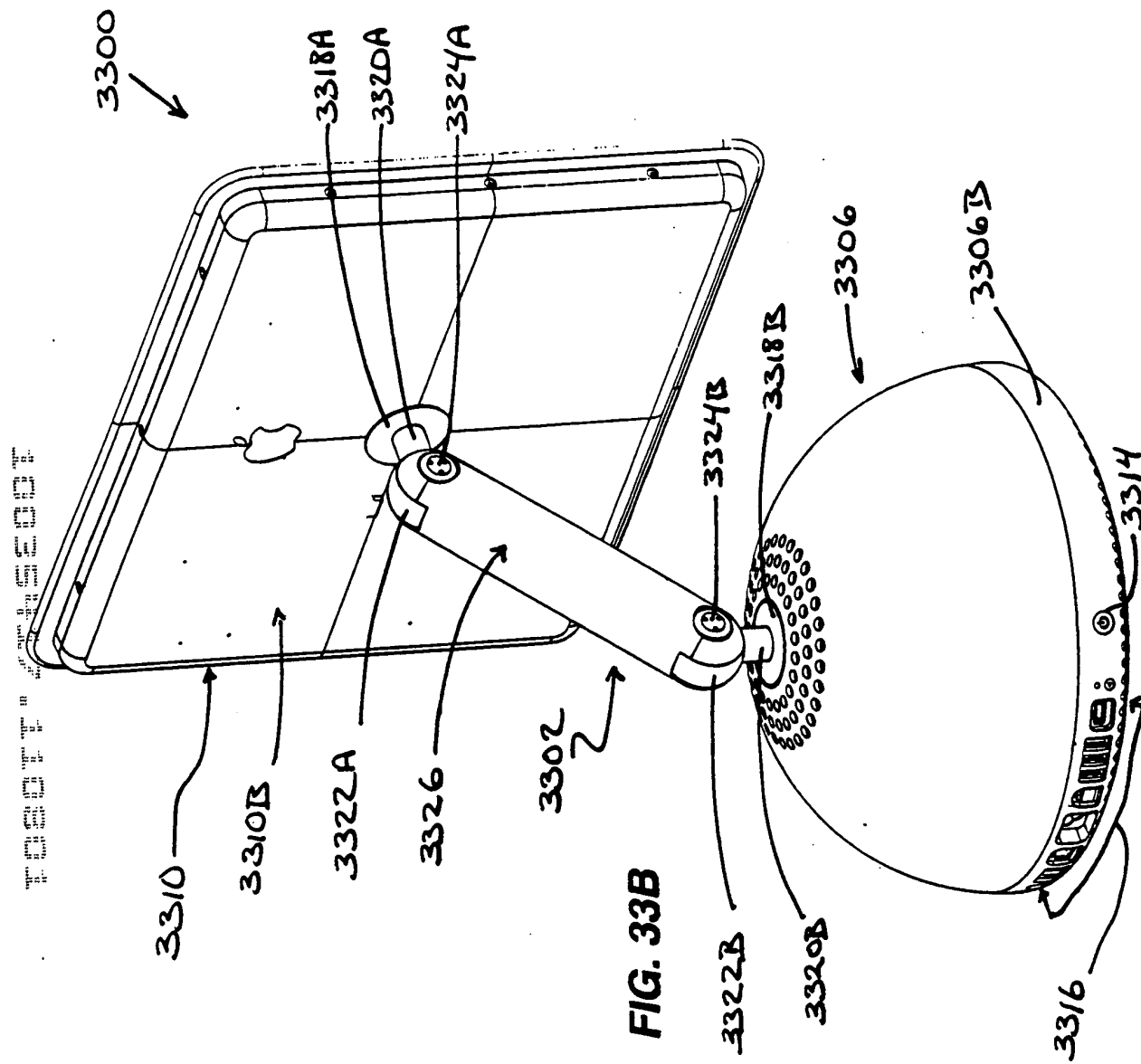


FIG. 31B







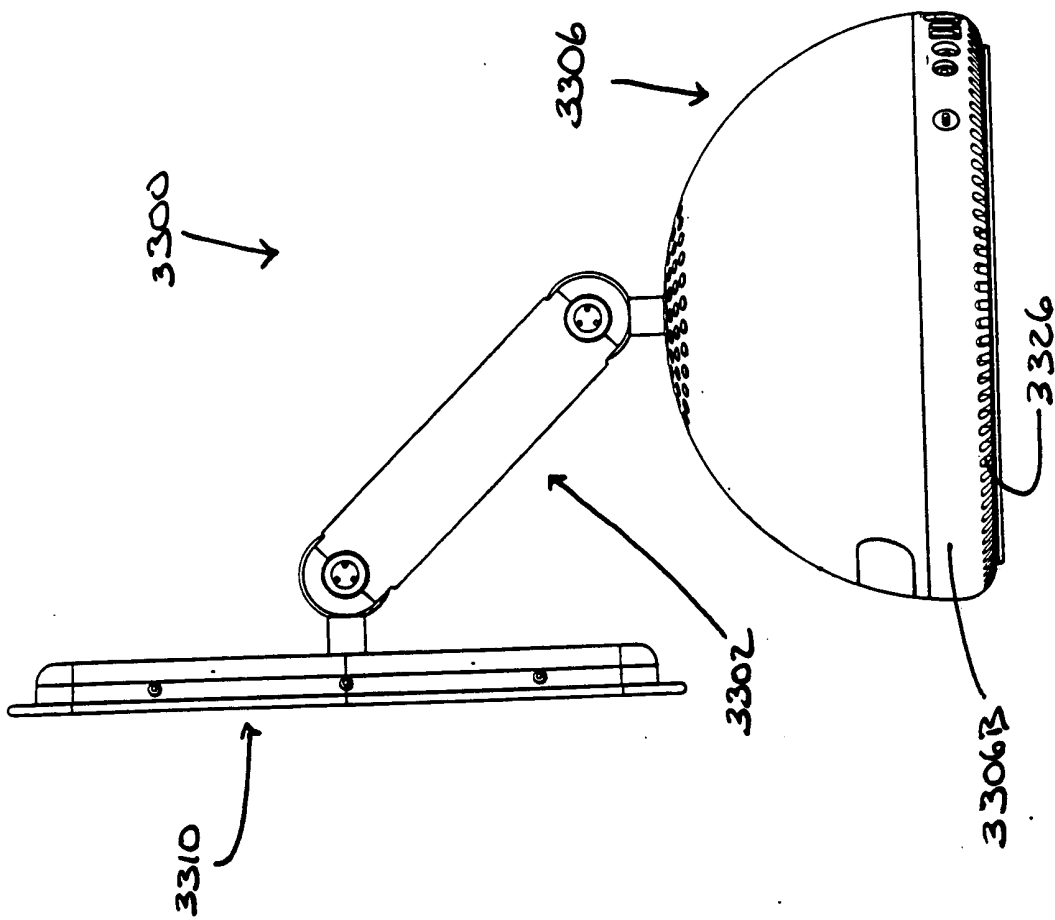
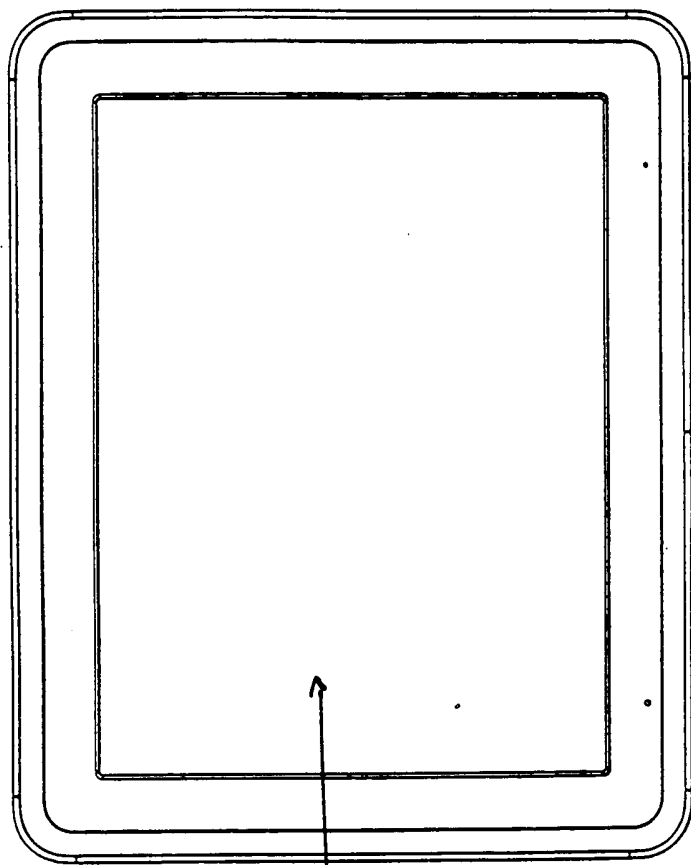


FIG. 33C



FIG. 33D is a perspective view of the device 3300 in a closed position. The device 3300 includes a display 3310A and a cover 3310. The cover 3310 is shown in a closed position, covering the display 3310A. The device 3300 is shown in a perspective view, with the cover 3310 and display 3310A being the primary components visible.

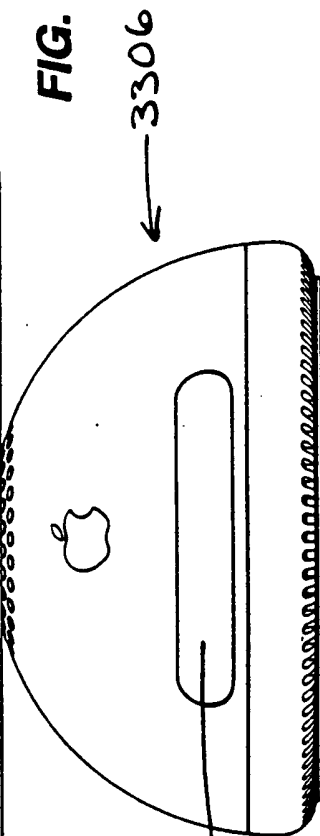


3310

3310A

3300

FIG. 33D



3306

3308

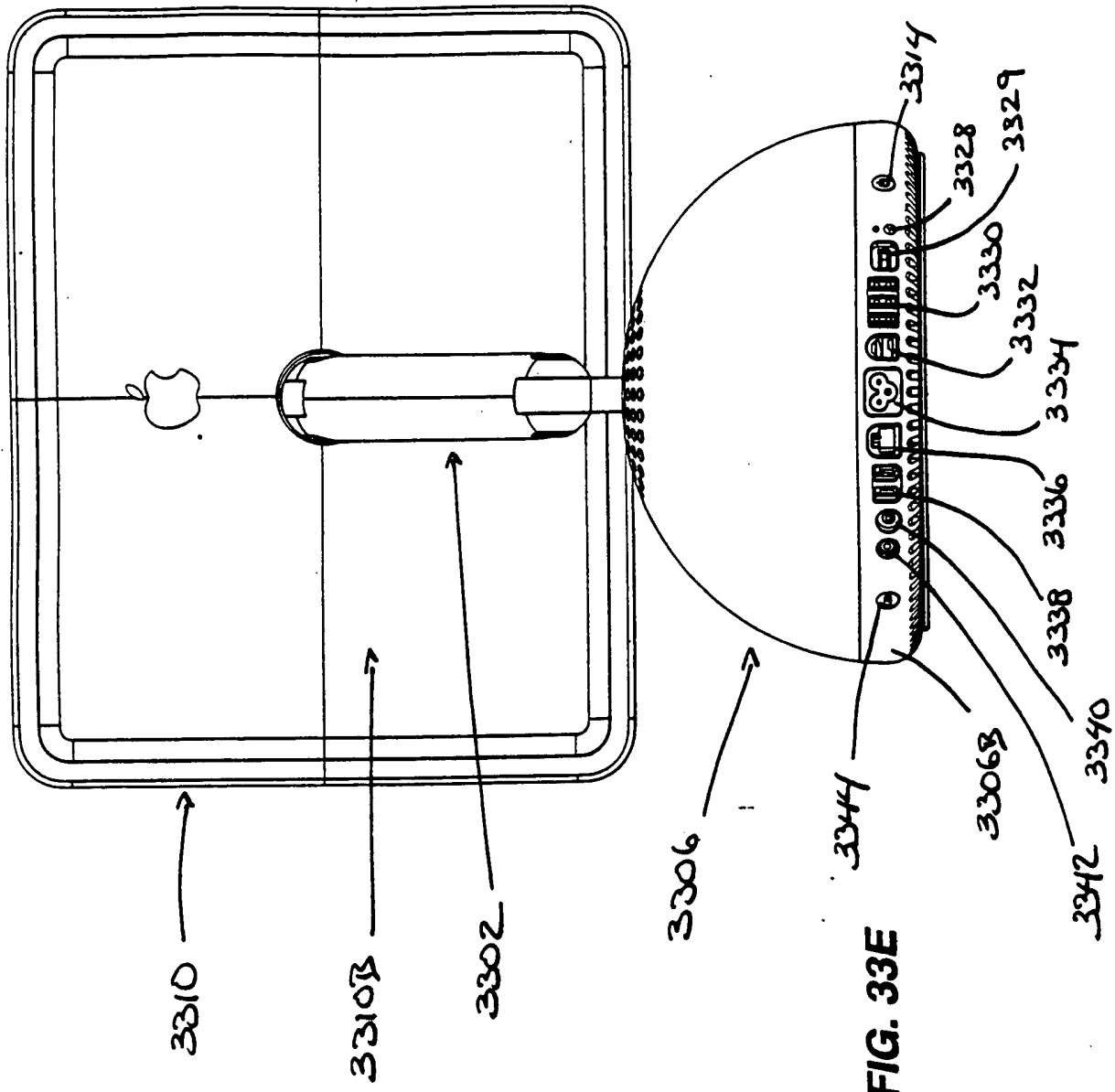
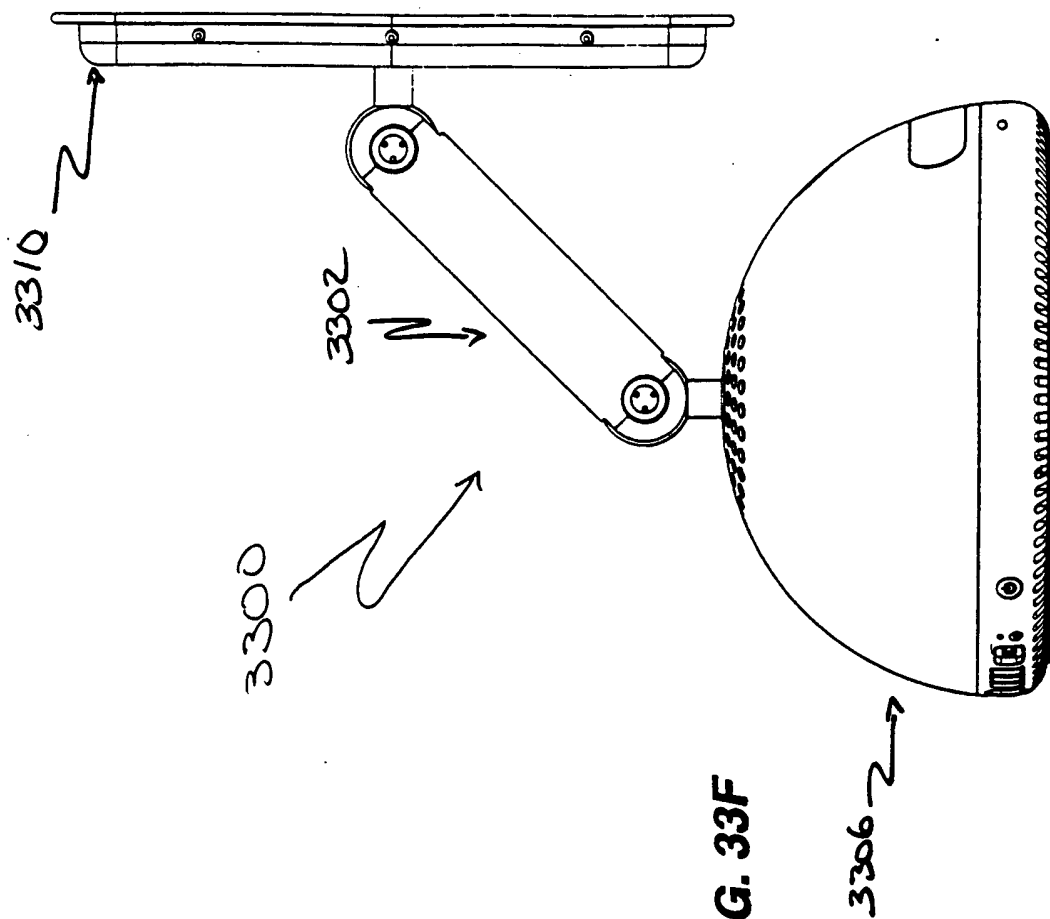


FIG. 33E



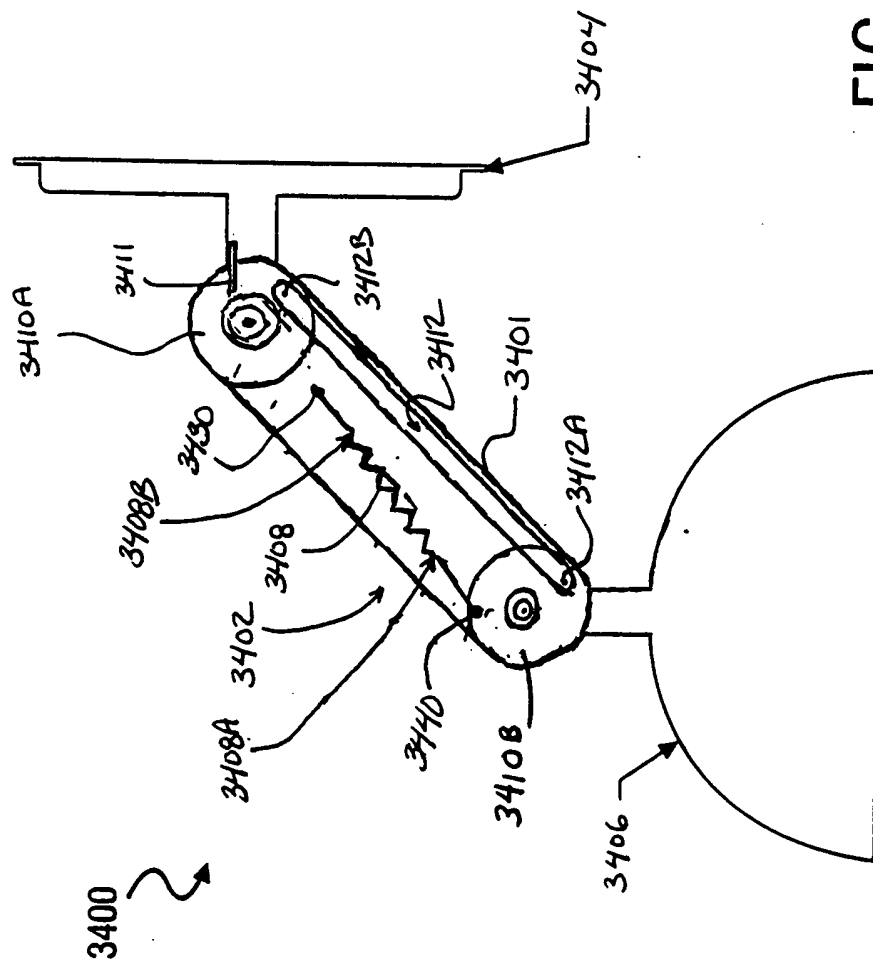


FIG. 34

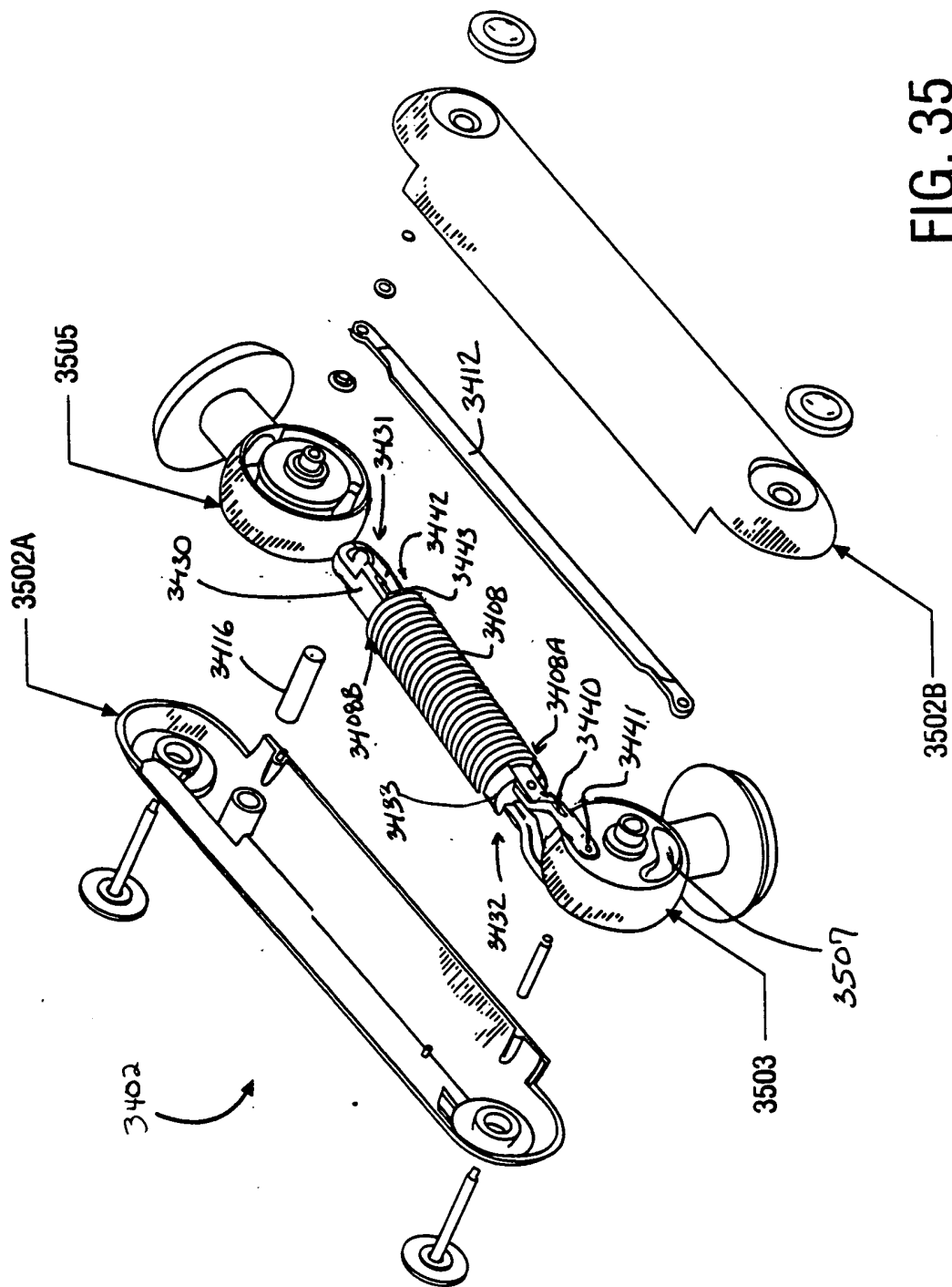


FIG. 35

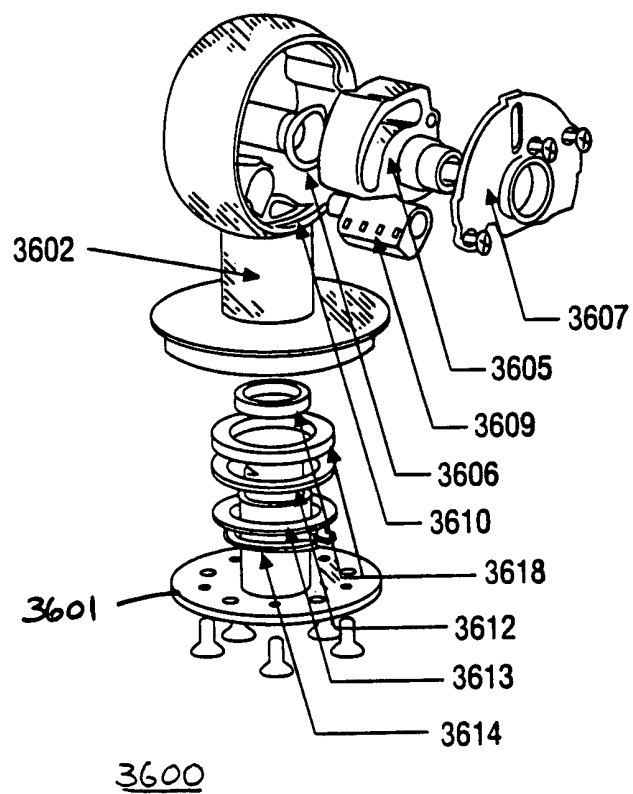


FIG. 36

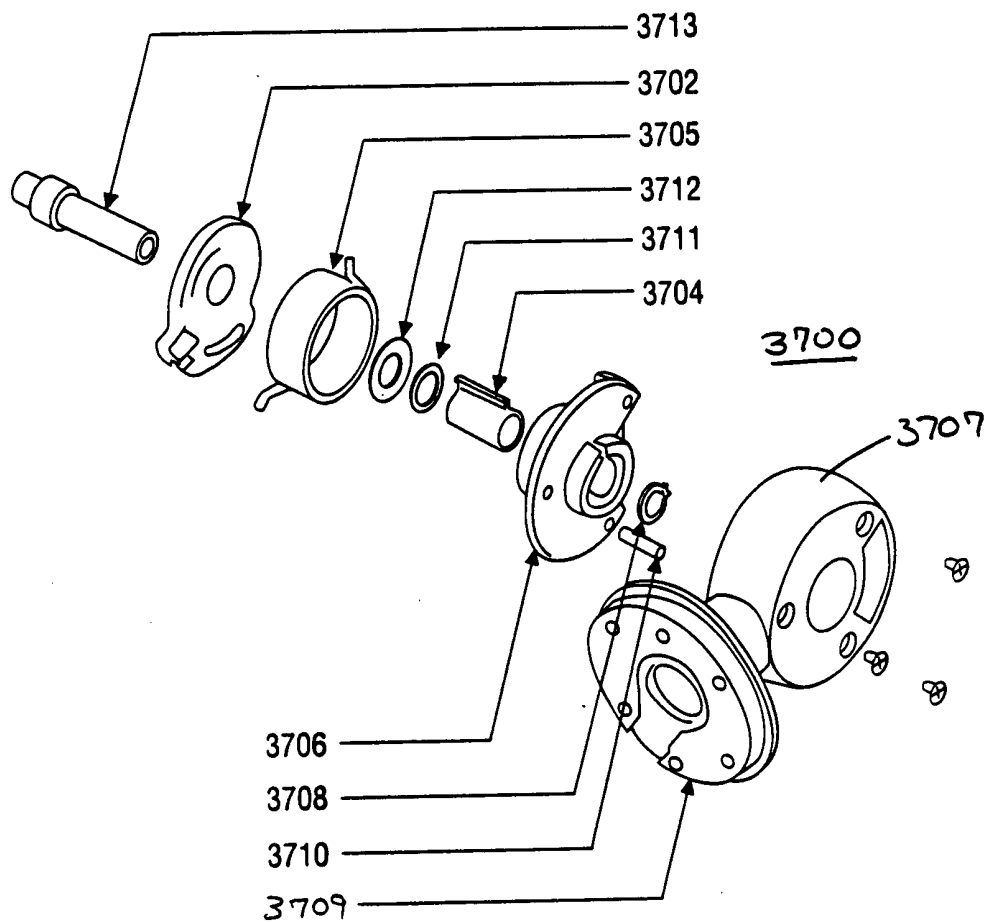


FIG. 37

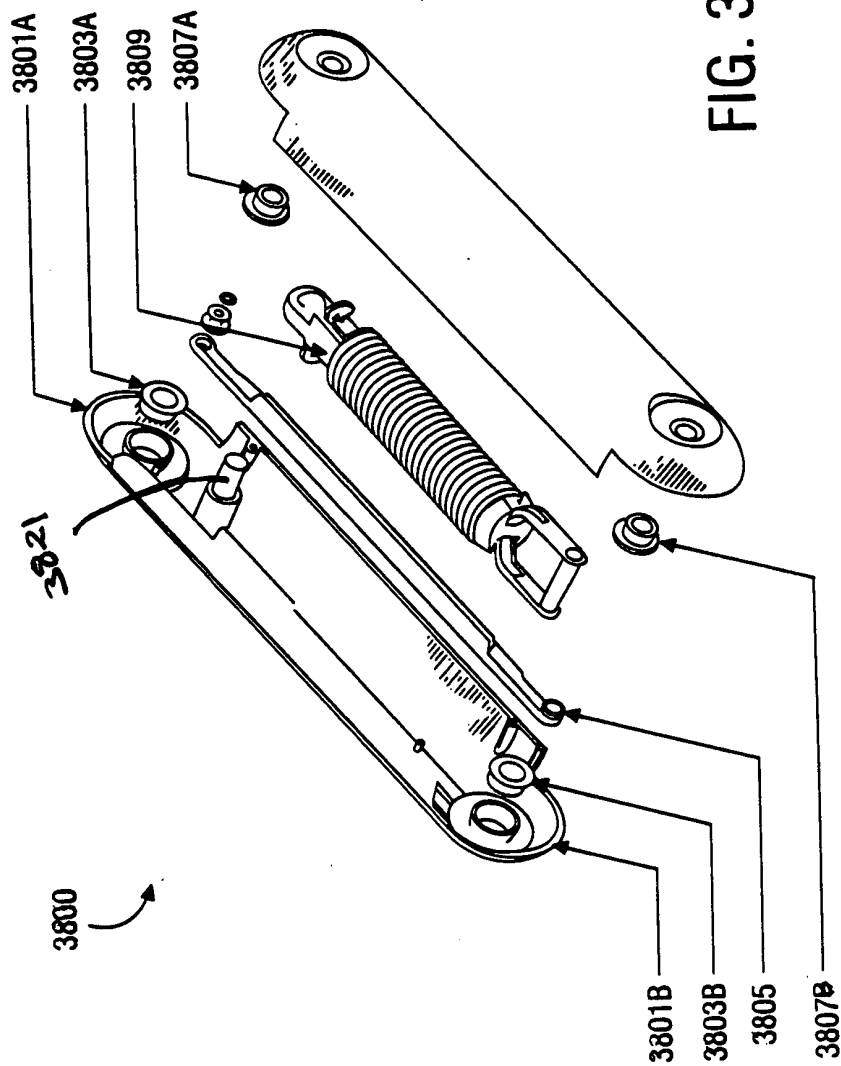


FIG. 38



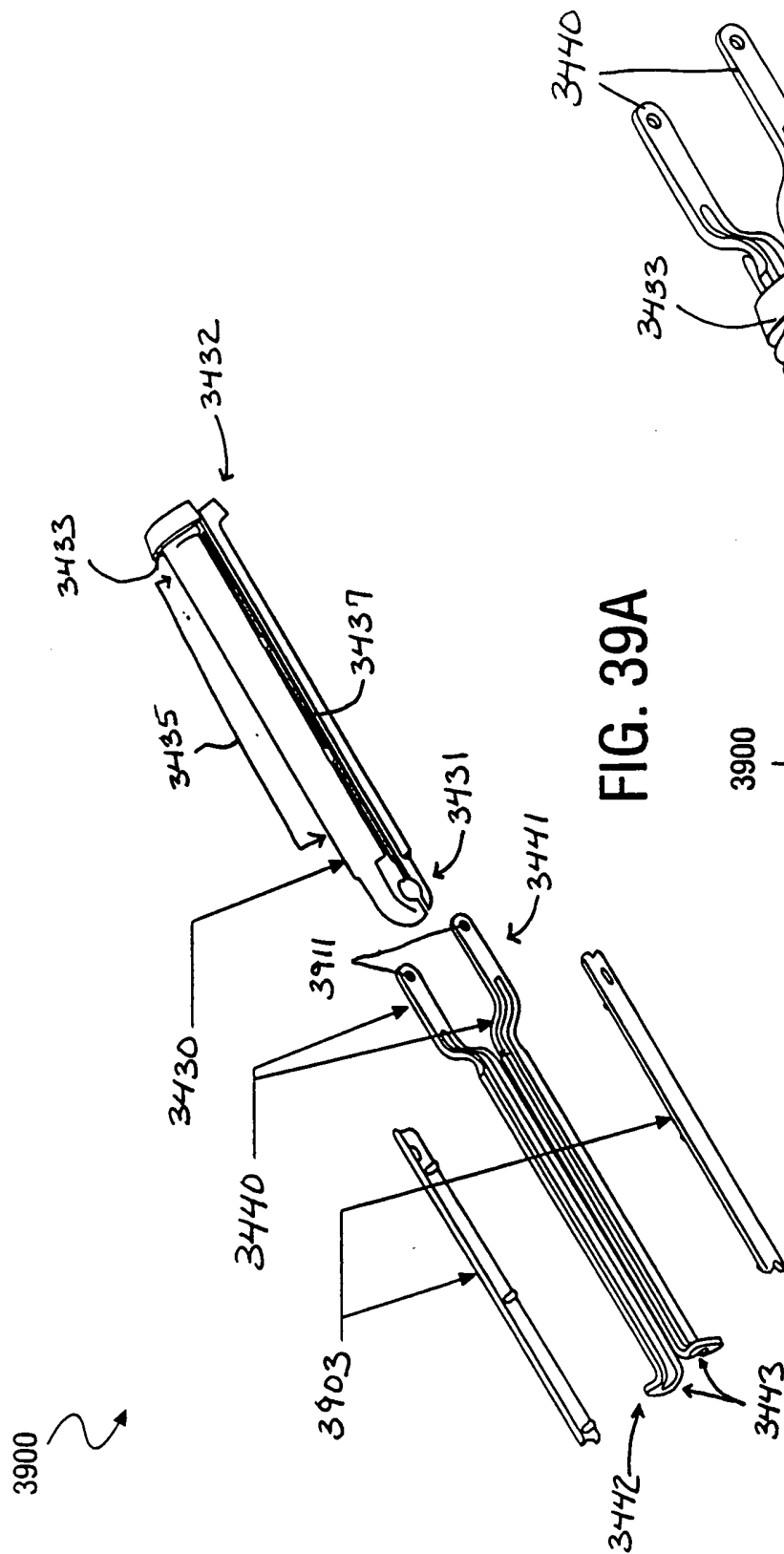
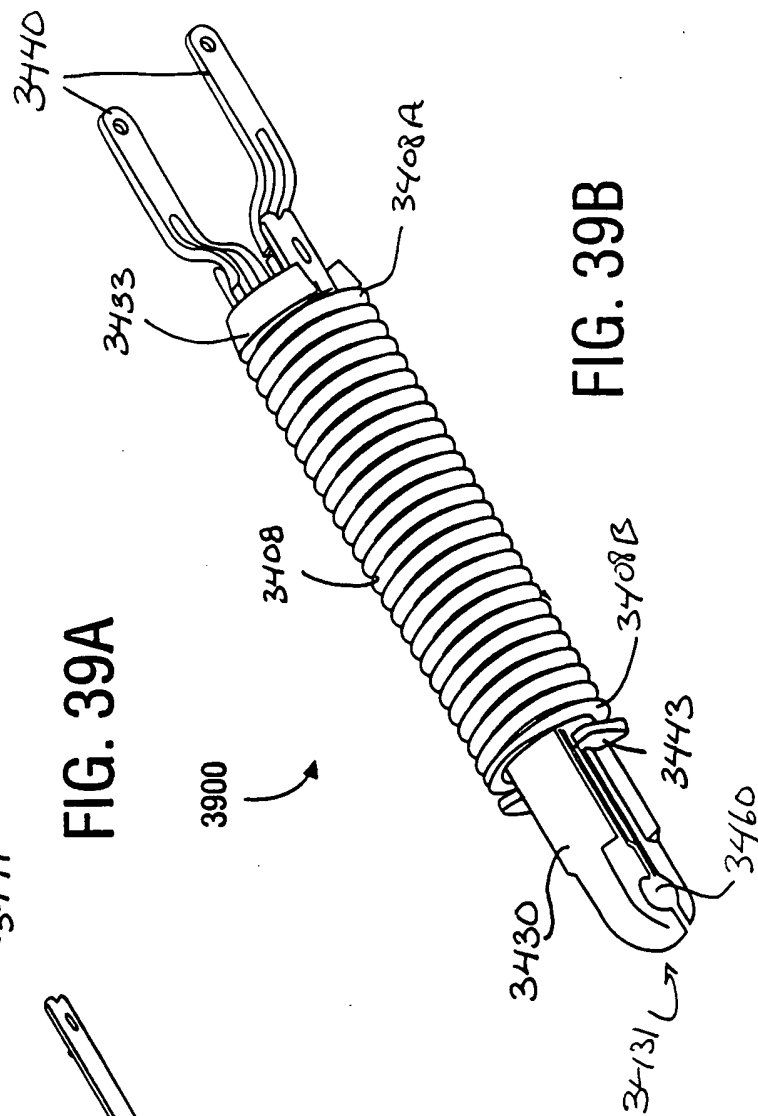


FIG. 39A



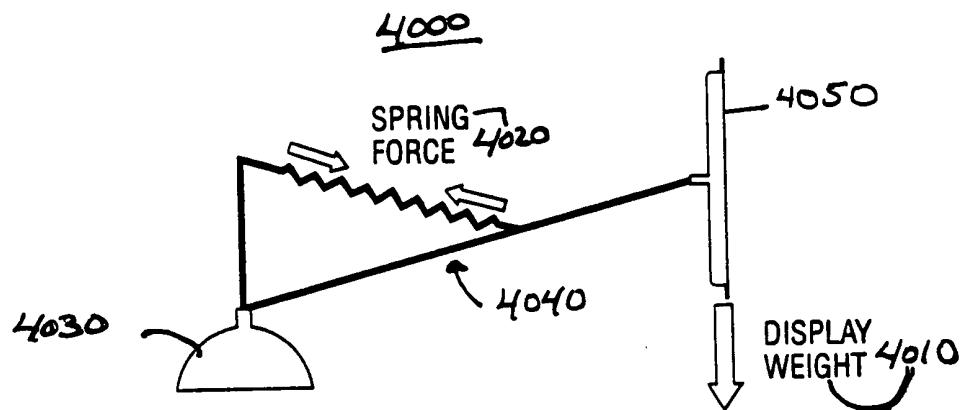
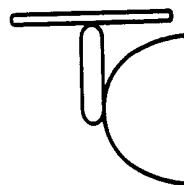
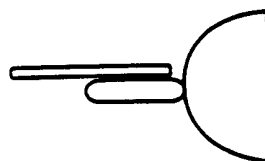


FIG. 40

The graph shows the relationship between Torque (in-lbs) and Arm Angle (degrees) for a spring mechanism. The y-axis ranges from -10.00 to 50.00 in-lbs, and the x-axis ranges from 0 to 100 degrees. Three data series are plotted: Display Moment (diamonds), Spring Moment (circles), and Sum of Moments (triangles). The Spring Moment is a constant 35 in-lbs. The Display Moment is a linear function starting at 0 in-lbs at 0 degrees and reaching 50 in-lbs at 100 degrees. The Sum of Moments is the total torque, which is the sum of the Spring and Display Moments, starting at 35 in-lbs at 0 degrees and reaching 85 in-lbs at 100 degrees.

Arm Angle [degrees]	Display Moment (in-lbs)	Spring Moment (in-lbs)	Sum of Moments (in-lbs)
0	0.00	35.00	35.00
10	0.50	35.00	35.50
20	1.00	35.00	36.00
30	1.50	35.00	36.50
40	2.00	35.00	37.00
50	2.50	35.00	37.50
60	3.00	35.00	38.00
70	3.50	35.00	38.50
80	4.00	35.00	39.00
90	4.50	35.00	39.50
100	5.00	35.00	40.00



**FIG. 41**

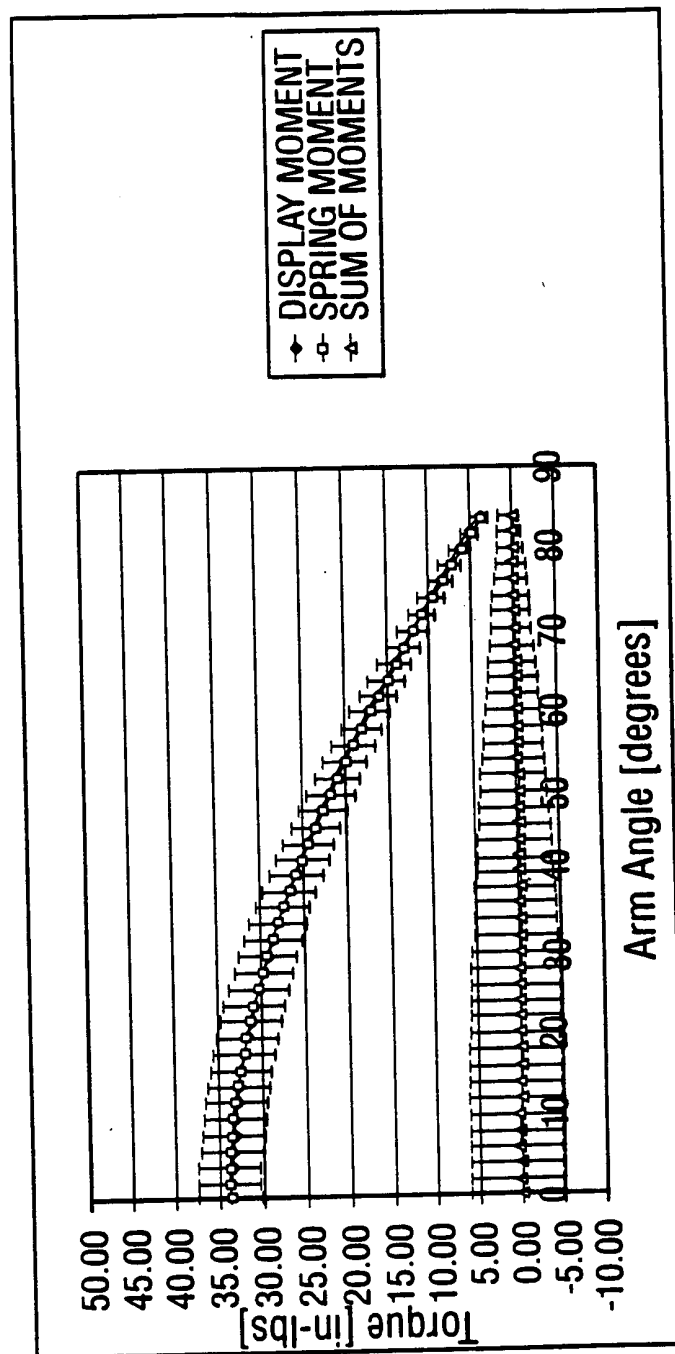
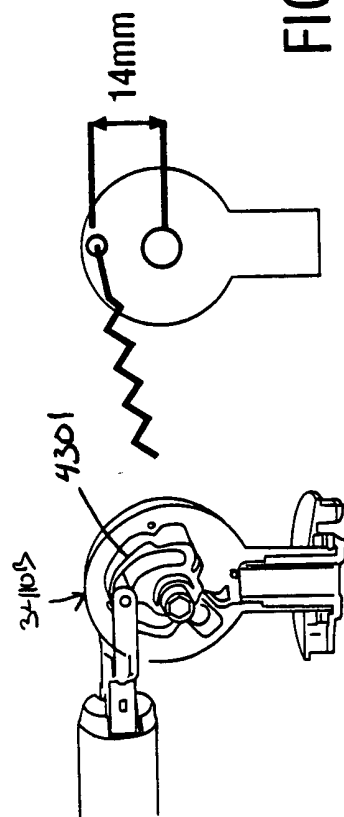
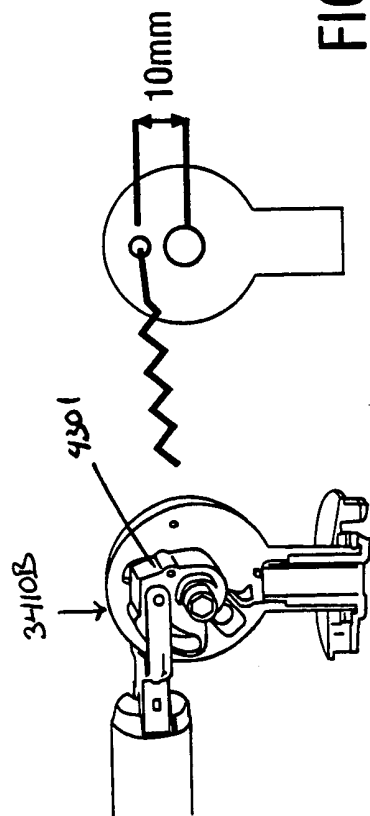


FIG. 42





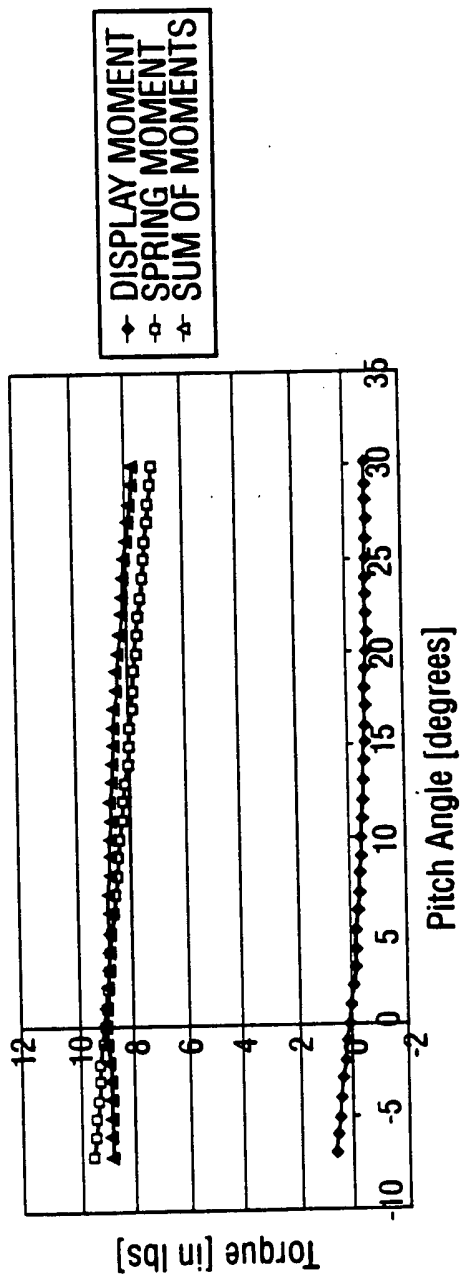


FIG. 45

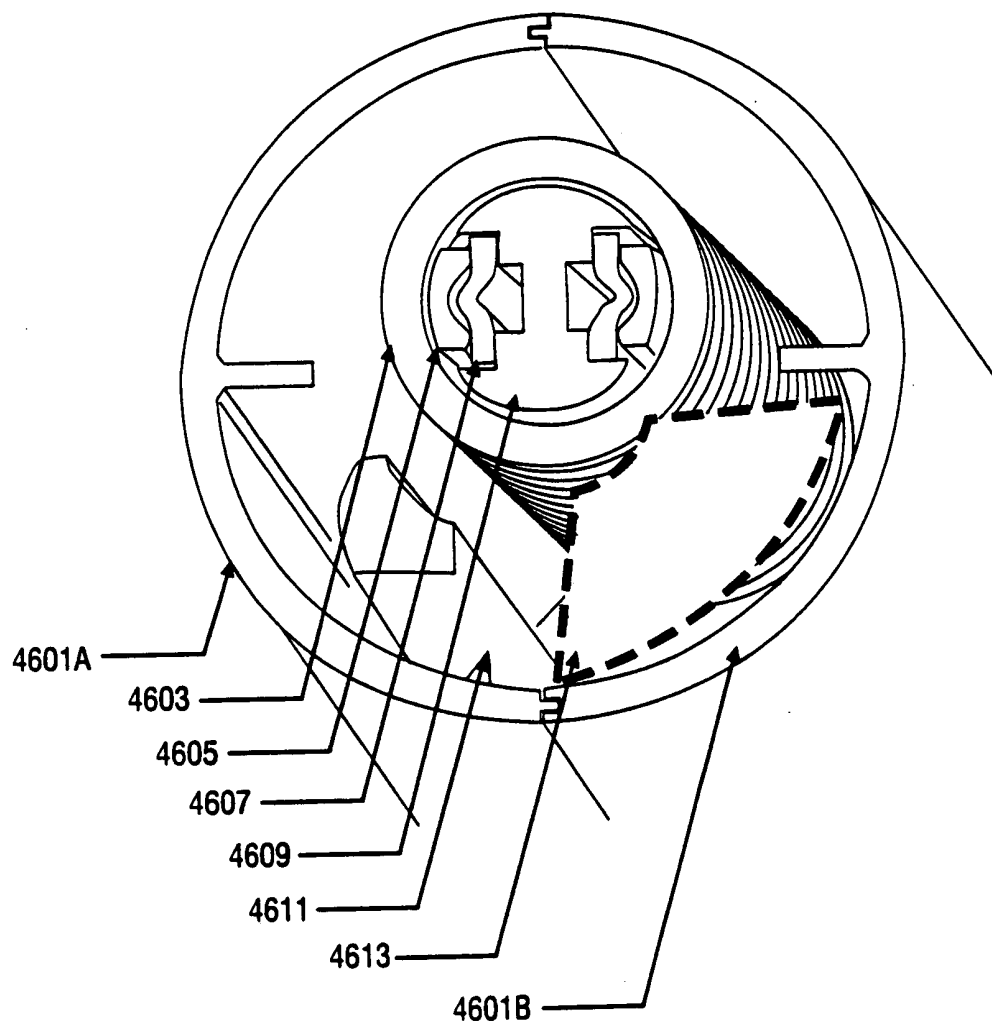


FIG. 46